

## RDF representation of RDA relationship designators. Appendix 1: Unconstrained properties for RDA relationship designators

### Background

The designators listed in Appendices I, J, and K of the RDA Toolkit are intended for relationships between works, expressions, manifestations, items, persons, corporate bodies, and families, as defined by the FRBR and FRAD models. A specific designator relates one of these entities to the same or other entity; the relationship is uni-directional and usually asymmetric. The representation of a designator as an RDF property specifies the RDF classes of the related entities as the domain and range of the property. This allows machine-actionability to infer the types of entity of the URIs in a data triple which uses the property: if the property relates a work to a corporate body, then the subject URI of the data triple refers to a work, and the object URI refers to a corporate body. This improves consistency in RDA linked data, and provides a rich set of relationships compliant with the FRBR and FRAD models.

The designators can also be used by non-FRBR communities if the information about the specific entities is removed from the representation of a designator as an RDF property :

- No domain or range, to avoid automatic inference of URIs as FRBR entities.
- No reference to entity names in the property label and definition.

The resulting property is unconstrained by the FRBR and FRAD models, and it will not imply the use of the models in data triples.

### Methodology

The unconstrained properties are derived from the constrained properties representing the Toolkit designators.

No domain or range is assigned.

The label of the unconstrained property is based on the label of the constrained property, with references to FRBR work, expression, manifestation, and item entities removed.

The definition of the unconstrained property is based on the definition of the constrained property, with references to FRBR work, expression, manifestation, and item entities replaced by the term "resource". References to FRBR/FRAD person, family, and corporate body entities are replaced by the term "agent".

The replacement process is machine-actionable to improve synchronization with the Toolkit and constrained element sets. It consists of a series of string find/replace operations to be carried out in sequence. The find/replace strings for each set of designators are:

Original	Replacement
<i>Appendix I</i>	

an expression of	[blank]
work	resource
manifestation	resource
an item	a resource
item	Resource
A person, family, or corporate body	An agent
A person or corporate body	An agent
A person	An agent
<b>Appendix J</b>	
An expression of a	[blank]
work	resource
manifestation	resource
An expression	A resource
an item	a resource
item	resource
same expression of a resource as the	[blank]
expressions of	[blank]
<b>Appendix K</b>	
corporate body	agent
corporate bodies	agents
family	agent
person	agent

This approach relies on the consistency of the Toolkit definitions.

Duplicate properties with the same label were then identified and removed if the definition was also the same, give or take minor differences. Differences in definitions were noted.

Duplicate properties with similar definitions but different labels were then identified, noted, and removed.

Differences and other issues with specific labels and definitions are discussed in the main report, indicated by an asterisk (\*) in the output tables.

## Output

The following tables list the results of applying the methodology to Appendix I (Table 1.I), Appendix J (Table 1.J), and Appendix K (Table 1.K).

Table 1.I. Inverse lists inverse unconstrained properties for Appendix I. Similar properties for Appendix J and Appendix K are incorporated in Table 1.J and Table 1.K respectively.

There are no super-properties for the unconstrained properties for Appendix K because the high-level categories of designators are given directly by the domain and range of each constrained property, and the semantic is lost when the domain and range of the unconstrained property are not specified.

**Table 1.I: Unconstrained RDF properties for RDA relationship designators in Appendix I aligned with MARC relators**

Uncl URI	Label	Definition	subPropertyOf	A	MRC URI	MRC label	MRC definition
abridger	abridger	An agent contributing to a resource by shortening or condensing the original resource but leaving the nature and content of the original resource substantially unchanged.	contributor	=	abr	Abridger	A person, family, or organization contributing to a resource by shortening or condensing the original work but leaving the nature and content of the original work substantially unchanged. For substantial modifications that result in the creation of a new work, see author
actor	actor	A performer contributing to a resource by acting as a cast member or player in a musical or dramatic presentation, etc.	performer	=	act	Actor	A performer contributing to an expression of a work by acting as a cast member or player in a musical or dramatic presentation, etc.
addressee	addressee	An agent to whom the resource or part of the resource is addressed.	otherPFCResource	=	rcp	Addressee	A person, family, or organization to whom the correspondence in the work is addressed
animator	animator	An agent contributing to a moving image resource or computer program by giving apparent movement to inanimate objects or drawings.	contributor	=	anm	Animator	A person contributing to a moving image work or computer program by giving apparent movement to inanimate objects or drawings. For the creator of the drawings that are animated, see artist
annotator	annotator	An agent who makes manuscript annotations on a resource.	otherPFCResource	=	ann	Annotator	A person who makes manuscript annotations on an item
appellant	appellant	An agent who appeals a lower court's decision.	otherPFCResource	=	apl	Appellant	A person or organization who appeals a lower court's decision
appellee	appellee	An agent against whom an appeal is taken.	otherPFCResource	=	ape	Appellee	A person or organization against whom an appeal is taken
architect	architect	An agent responsible for creating an architectural design, including a pictorial representation intended to show how a building, etc., will look when completed.	creator	=	arc	Architect	A person, family, or organization responsible for creating an architectural design, including a pictorial representation intended to show how a building, etc., will look when completed. It also oversees the construction of structures

arrangerOfMusic	arranger of music	An agent contributing to a musical resource by rewriting the composition for a medium of performance different from that for which the resource was originally intended.	contributor	=	arr	Arranger	A person, family, or organization contributing to a musical work by rewriting the composition for a medium of performance different from that for which the work was originally intended, or modifying the work for the same medium of performance, etc., such that the musical substance of the original composition remains essentially unchanged. For extensive modification that effectively results in the creation of a new musical work, see composer
artDirector	art director	An agent contributing to a resource by overseeing the artists and craftspeople who build the sets for moving image productions.	contributor	=	adi	Art director	A person contributing to a motion picture or television production by overseeing the artists and craftspeople who build the sets
artist	artist	An agent responsible for creating a resource by conceiving, and often implementing, an original graphic design, drawing, painting, etc.	creator	=	art	Artist	A person, family, or organization responsible for creating a work by conceiving, and implementing, an original graphic design, drawing, painting, etc. For book illustrators, prefer Illustrator [ill]
author	author	An agent responsible for creating a resource that is primarily textual in content, regardless of media type (e.g., printed text, spoken word, electronic text, tactile text) or genre (e.g., poems, novels, screenplays, blogs).	creator	=	aut	Author	A person, family, or organization responsible for creating a work that is primarily textual in content, regardless of media type (e.g., printed text, spoken word, electronic text, tactile text) or genre (e.g., poems, novels, screenplays, blogs). Use also for persons, etc., creating a new work by paraphrasing, rewriting, or adapting works by another creator such that the modification has substantially changed the nature and content of the original or changed the medium of expression
autographer	autographer	An agent whose manuscript signature appears on a resource.	otherPFCResource	=	ato	Autographer	A person whose manuscript signature appears on an item
binder	binder	An agent who binds a resource.	otherPFCResource	=	bnd	Binder	A person who binds an item

bookDesigner	book designer	An agent involved in manufacturing a resource by being responsible for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	manufacturer	=	bkd	Book designer	A person or organization involved in manufacturing a manifestation by being responsible for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used
brailleEmboss	braille embosser	An agent involved in manufacturing a resource by embossing Braille cells using a stylus, special embossing printer, or other device.	manufacturer	=	brl	Braille embosser	A person, family, or organization involved in manufacturing a resource by embossing Braille cells using a stylus, special embossing printer, or other device
broadcaster	broadcaster	An agent involved in broadcasting a resource to an audience via radio, television, webcast, etc.	publisher	=	brd	Broadcaster	A person, family, or organization involved in broadcasting a resource to an audience via radio, television, webcast, etc.
cartographer	cartographer	An agent responsible for creating a map, atlas, globe, or other cartographic resource.	creator	=	ctg	Cartographer	A person, family, or organization responsible for creating a map, atlas, globe, or other cartographic work
caster	caster	An agent involved in manufacturing a resource by pouring a liquid or molten substance into a mold and leaving it to solidify to take the shape of the mold.	manufacturer	=	cas	Caster	A person, family, or organization involved in manufacturing a resource by pouring a liquid or molten substance into a mold and leaving it to solidify to take the shape of the mold
choreographer	choreographer	An agent responsible for creating a resource of movement.	creator	=	chr	Choreographer	A person responsible for creating or contributing to a work of movement
collectionRegistrar	collection registrar	A curator who lists or inventories the items in an aggregate resource such as a collection of items or resources.	curator	=	cor	Collection registrar	A curator who lists or inventories the items in an aggregate work such as a collection of items or works
collector	collector	A curator who brings together items from various sources that are then arranged, described, and cataloged as a collection.	curator	=	col	Collector	A curator who brings together items from various sources that are then arranged, described, and cataloged as a collection. A collector is neither the creator of the material nor a person to whom manuscripts in the collection may have been addressed

collotyper	collotyper	An agent involved in manufacturing a resource of photographic prints from film or other colloid that has ink-receptive and ink-repellent surfaces.	manufacturer	=	clt	Collotyper	A person, family, or organization involved in manufacturing a manifestation of photographic prints from film or other colloid that has ink-receptive and ink-repellent surfaces
commentator	commentator	A performer contributing to a resource by providing interpretation, analysis, or a discussion of the subject matter on a recording, film, or other audiovisual medium.	performer	=	cmm	Commentator	A performer contributing to a work by providing interpretation, analysis, or a discussion of the subject matter on a recording, film, or other audiovisual medium
compiler	compiler	An agent responsible for creating a new resource (e.g., a bibliography, a directory) by selecting, arranging, aggregating, and editing data, information, etc.	creator	=	com	Compiler	A person, family, or organization responsible for creating a new work (e.g., a bibliography, a directory) through the act of compilation, e.g., selecting, arranging, aggregating, and editing data, information, etc
composer	composer	An agent responsible for creating a musical resource.	creator	=	cmp	Composer	A person, family, or organization responsible for creating or contributing to a musical resource by adding music to a work that originally lacked it or supplements it
conductor	conductor	A performer contributing to a musical resource by leading a performing group (orchestra, chorus, opera, etc.) in a musical or dramatic presentation, etc.	performer	=	cnd	Conductor	A performer contributing to a musical resource by leading a performing group (orchestra, chorus, opera, etc.) in a musical or dramatic presentation, etc.
consultant	consultant	An agent who provides consultation services, and often makes recommendations, for another person, family or corporate body that is represented as the creator of a resource.	creator	=	csl	Consultant	A person or organization relevant to a resource, who is called upon for professional advice or services in a specialized field of knowledge or training

contributor	contributor	An agent contributing to the realization of a resource through an expression.		>	ctb	Contributor	A person, family or organization responsible for making contributions to the resource. This includes those whose work has been contributed to a larger work, such as an anthology, serial publication, or other compilation of individual works. If a more specific role is available, prefer that, e.g. editor, compiler, illustrator
costumeDesigner	costume designer	An agent contributing to a resource by designing the costumes for a moving image production or for a musical or dramatic presentation or entertainment.	contributor	=	cst	Costume designer	A person, family, or organization that designs the costumes for a moving image production or for a musical or dramatic presentation or entertainment
courtGoverned	court governed	A court governed by court rules, regardless of their official nature (e.g., laws, administrative regulations).	otherPFCResource	=	cou	Court governed	A court governed by court rules, regardless of their official nature (e.g., laws, administrative regulations)
courtReporter	court reporter	An agent contributing to a resource by preparing a court's opinions for publication.	contributor	=	crt	Court reporter	The person, family, or organization contributing to a resource by preparing a court's opinions for publication
creator	creator	An agent responsible for the creation of a resource		=	cre	Creator	A person or organization responsible for the intellectual or artistic content of a resource
curator	curator	An agent conceiving, aggregating, and/or organizing an exhibition, collection, or other resource.	otherPFCResource	=	cur	Curator	A person, family, or organization conceiving, aggregating, and/or organizing an exhibition, collection, or other item
currentOwner	current owner	An agent currently having legal possession of a resource.	owner	=	own	Owner	A person, family, or organization that currently owns an item or collection, i.e. has legal possession of a specific copy or instance of a resource
custodian	custodian	An agent having legal custody of a resource.					
dancer	dancer	A performer contributing to a resource by dancing in a musical, dramatic, etc., presentation.	performer	=	dnc	Dancer	A performer who dances in a musical, dramatic, etc., presentation
dedicatee	dedicatee	An agent to whom the resource is dedicated.	otherPFCResource	=	dte	Dedicatee	A person, family, or organization to whom the resource is dedicated

dedicator	dedicator	An agent by whom the resource is dedicated.	otherPFCResource	=	dto	Dedicator	A person who writes a dedication, which may be a formal statement or in epistolary or verse form
defendant	defendant	An agent who is accused in a criminal proceeding or sued in a civil proceeding.	otherPFCResource	=	dfd	Defendant	A person or organization who is accused in a criminal proceeding or sued in a civil proceeding
degreeGrantingInstitution	degree granting institution	A corporate body granting an academic degree.	otherPFCResource	=	dgg	Degree granting institution	A organization granting an academic degree
degreeSupervisor	degree supervisor	An agent overseeing a higher-level academic degree.	creator				
depositor	depositor	A current owner of a resource who deposited the resource into the custody of another person, family, or corporate body, while still retaining ownership.	currentOwner	=	dpt	Depositor	A current owner of an item who deposited the item into the custody of another person, family, or organization, while still retaining ownership
designer	designer	An agent responsible for creating a design for an object.	creator	=	dsr	Designer	A person, family, or organization responsible for creating a design for an object
director	director	An agent responsible for the general management and supervision of a filmed performance, a radio or television program, etc.	otherPFCResource	=	drt	Director	A person responsible for the general management and supervision of a filmed performance, a radio or television program, etc.
directorOfPhotography	director of photography	An agent that captures images, either electronically or on film or video stock, and often selects and arranges the lighting. The director of photography for a movie is also called the chief cinematographer.	otherPFCResource	>	cng	Cinematographer	A person in charge of photographing a motion picture, who plans the technical aspects of lighting and photographing of scenes, and often assists the director in the choice of angles, camera setups, and lighting moods. He or she may also supervise the further processing of filmed material up to the completion of the work print. Cinematographer is also referred to as director of photography. Do not confuse with videographer



				>	vdg	Videographer	A person in charge of a video production, e.g. the video recording of a stage production as opposed to a commercial motion picture. The videographer may be the camera operator or may supervise one or more camera operators. Do not confuse with cinematographer
distributor	distributor	An agent responsible for distributing a resource.		=	dst	Distributor	A person or organization that has exclusive or shared marketing rights for a resource
donor	donor	A former owner of a resource who donated that resource to another owner.	formerOwner	=	dnr	Donor	A former owner of an item who donated that item to another owner
draftsman	draftsman	An agent contributing to a resource by an architect, inventor, etc., by making detailed plans or drawings for buildings, ships, aircraft, machines, objects, etc.	contributor	=	drm	Draftsman	A person, family, or organization contributing to a resource by an architect, inventor, etc., by making detailed plans or drawings for buildings, ships, aircraft, machines, objects, etc
editor	editor	An agent contributing to a resource by revising or clarifying the content, e.g., adding an introduction, notes, or other critical matter.	contributor	=	edt	Editor	A person, family, or organization contributing to a resource by revising or elucidating the content, e.g., adding an introduction, notes, or other critical matter. An editor may also prepare a resource for production, publication, or distribution. For major revisions, adaptations, etc., that substantially change the nature and content of the original work, resulting in a new work, see author
editorOfMovingImageWork	editor of moving image work	An agent responsible for assembling, arranging, and trimming film, video, or other moving image formats, including both visual and audio aspects.	contributor	=	edt	Editor of moving image work	A person, family, or organization responsible for assembling, arranging, and trimming film, video, or other moving image formats, including both visual and audio aspects
enactingJurisdiction	enacting jurisdiction	A jurisdiction enacting a law, regulation, constitution, court rule, etc.	creator	=	enj	Enacting jurisdiction	A jurisdiction enacting a law, regulation, constitution, court rule, etc.

engraver	engraver	An agent involved in manufacturing a resource by cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing.	manufacturer	=	egr	Engraver	A person or organization who cuts letters, figures, etc. on a surface, such as a wooden or metal plate used for printing
etcher	etcher	An agent involved in manufacturing a resource by subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	manufacturer	=	etr	Etcher	A person or organization who produces text or images for printing by subjecting metal, glass, or some other surface to acid or the corrosive action of some other substance
filmDirector	film director	A director responsible for the general management and supervision of a filmed performance.	director	=	fmd	Film director	A director responsible for the general management and supervision of a filmed performance
filmDistributor	film distributor	An agent involved in distributing a moving image resource to theatres or other distribution channels.	distributor	=	fds	Film distributor	A person, family, or organization involved in distributing a moving image resource to theatres or other distribution channels
filmmaker	filmmaker	An agent responsible for creating an independent or personal film. A filmmaker is individually responsible for the conception and execution of all aspects of the film.	creator	=	fmk	Filmmaker	A person, family or organization responsible for creating an independent or personal film. A filmmaker is individually responsible for the conception and execution of all aspects of the film
filmProducer	film producer	A producer responsible for most of the business aspects of a film.	producer	=	fmp	Film producer	A producer responsible for most of the business aspects of a film
formerOwner	former owner	An agent formerly having legal possession of a resource.	owner	=	fmo	Former owner	A person, family, or organization formerly having legal possession of an item (i.e., a specific copy or instance of a resource)
honouree	honouree	An agent honoured by a resource (e.g., the honouree of a festschrift).	otherPFCResource	=	hnr	Honoree	A person, family, or organization honored by a work or item (e.g., the honoree of a festschrift, a person to whom a copy is presented)
host	host	A performer contributing to a resource by leading a program (often broadcast) that includes other guests, performers, etc. (e.g., talk show host).	performer	=	hst	Host	A performer contributing to a resource by leading a program (often broadcast) that includes other guests, performers, etc. (e.g., talk show host)

host institution	host institution	A corporate body hosting an event, exhibit, conference, etc., which gave rise to the resource, but having little or no responsibility for the content of the resource.	otherPFCResource	=	his	Host institution	An organization hosting an event, exhibit, conference, etc., which gave rise to the resource, but having little or no responsibility for the content of the resource
illuminator	illuminator	An agent providing decoration to a specific resource using precious metals or color, often with elaborate designs and motifs.	otherPFCResource	=	ilu	Illuminator	A person providing decoration to a specific item using precious metals or color, often with elaborate designs and motifs
illustrator	illustrator	An agent contributing to a resource by supplementing the primary content with drawings, diagrams, photographs, etc.	contributor	=	ill	Illustrator	A person, family, or organization contributing to a resource by supplementing the primary content with drawings, diagrams, photographs, etc. If the work is primarily the artistic content created by this entity, use artist
inscriber	inscriber	An agent who has written a statement of dedication or gift on a resource.	otherPFCResource	=	ins	Inscriber	A person who has written a statement of dedication or gift
instrumentalist	instrumentalist	A performer contributing to a resource by playing a musical instrument.	performer	=	itr	Instrumentalist	A performer contributing to a resource by playing a musical instrument
interviewee	interviewee	An agent responsible for creating a resource by responding to an interviewer, usually a reporter, pollster, or some other information gathering agent.	creator	=	ive	Interviewee	A person, family or organization responsible for creating or contributing to a resource by responding to an interviewer, usually a reporter, pollster, or some other information gathering agent
interviewer	interviewer	An agent responsible for creating a resource by acting as an interviewer, reporter, pollster, or some other information gathering agent.	creator	=	ivr	Interviewer	A person, family, or organization responsible for creating or contributing to a resource by acting as an interviewer, reporter, pollster, or some other information gathering agent
inventor	inventor	An agent responsible for creating a new device or process.	creator	=	inv	Inventor	A person, family, or organization responsible for creating a new device or process
issuing body	issuing body	An agent, family or corporate body issuing the resource, such as an official organ of the body.	otherPFCResource	=	isb	Issuing body	A person, family or organization issuing the work, such as an official organ of the body

judge	judge	An agent who hears and decides on legal matters in court.	otherPFCResource	=	jud	Judge	A person who hears and decides on legal matters in court.
jurisdictionGoverned	jurisdiction governed	A jurisdiction governed by a law, regulation, etc., that was enacted by another jurisdiction.	otherPFCResource	=	jug	Jurisdiction governed	A jurisdiction governed by a law, regulation, etc., that was enacted by another jurisdiction
landscapeArchitect	landscape architect	An architect responsible for creating landscape resources.	architect	=	lsa	Landscape architect	An architect responsible for creating landscape works. This work involves coordinating the arrangement of existing and proposed land features and structures
librettist	librettist	An author of the words of an opera or other musical stage resource or an oratorio.	author	=	lbt	Librettist	An author of a libretto of an opera or other stage work, or an oratorio
lithographer	lithographer	An agent involved in manufacturing a resource by preparing a stone or plate for lithographic printing, including a graphic artist creating a design directly on the surface from which printing will be done.	manufacturer	=	ltg	Lithographer	A person or organization who prepares the stone or plate for lithographic printing, including a graphic artist creating a design directly on the surface from which printing will be done.
lyricist	lyricist	An author of the words of a popular song, including a song or songs from a musical.	author	=	lyr	Lyricist	An author of the words of a non-dramatic musical work (e.g. the text of a song), except for oratorios
manufacturer	manufacturer	An agent responsible for printing, duplicating, casting, etc., a resource in a published form.		=	mfr	Manufacturer	A person or organization responsible for printing, duplicating, casting, etc. a resource
moderator	moderator	A performer contributing to a resource by leading a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion.	performer	=	mod	Moderator	A performer contributing to a resource by leading a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion

musicalDirector	musical director	An agent contributing to a resource by coordinating the activities of the composer, the sound editor, and sound mixers for a moving image production or for a musical or dramatic presentation or entertainment.	contributor	=	msd	Musical director	A person who coordinates the activities of the composer, the sound editor, and sound mixers for a moving image production or for a musical or dramatic presentation or entertainment
narrator	narrator	A performer contributing to a resource by reading or speaking in order to give an account of an act, occurrence, course of events, etc.	performer	=	nrt	Narrator	A performer contributing to a resource by reading or speaking in order to give an account of an act, occurrence, course of events, etc
onScreenPresenter	on-screen presenter	A performer contributing to a resource by appearing on screen to provide contextual or background information.	performer	=	osp	Onscreen presenter	A performer contributing to an expression of a work by appearing on screen in nonfiction moving image materials or introductions to fiction moving image materials to provide contextual or background information. Use when another term (e.g., narrator, host) is either not applicable or not desired
otherPFCResource	other person, family, or corporate body associated with a resource	An agent associated with a resource other than as a creator.					
owner	owner	An agent having legal possession of a resource.		>	own	Owner	A person, family, or organization that currently owns an item or collection, i.e.has legal possession of a specific copy or instance of a resource
panelist	panelist	A performer contributing to a resource by participating in a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion.	performer	=	pan	Panelist	A performer contributing to a resource by participating in a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion

performer	performer	An agent contributing to a resource by performing music, acting, dancing, speaking, etc., often in a musical or dramatic presentation, etc.	contributor	=	prf	Performer	A person contributing to a resource by performing music, acting, dancing, speaking, etc., often in a musical or dramatic presentation, etc. If specific codes are used, [prf] is used for a person whose principal skill is not known or specified
photographer	photographer	An agent responsible for creating a photographic resource.	creator	=	pht	Photographer	A person, family, or organization responsible for creating a photographic work
plaintiff	plaintiff	An agent who brings a suit in a civil proceeding.	otherPFCResource	=	ptf	Plaintiff	A person or organization who brings a suit in a civil proceeding
platemaker	platemaker	An agent involved in manufacturing a resource by preparing plates used in the production of printed images and/or text.	manufacturer	=	plt	Platemaker	A person, family, or organization involved in manufacturing a manifestation by preparing plates used in the production of printed images and/or text
praeses	praeses	An agent who is the faculty moderator of an academic disputation, normally proposing a thesis and participating in the ensuing disputation.	creator	=	pra	Praeses	A person who is the faculty moderator of an academic disputation, normally proposing a thesis and participating in the ensuing disputation
presenter	presenter	An agent mentioned in an "X presents" credit for moving image materials and who is probably associated with production, finance, or distribution in some way.	contributor	=	pre	Presenter	A person or organization mentioned in an "X presents" credit for moving image materials and who is associated with production, finance, or distribution in some way. A vanity credit; in early years, normally the head of a studio
printer	printer	An agent involved in manufacturing a resource of printed text, notated music, etc., from type or plates, such as a book, newspaper, magazine, broadside, score, etc.	manufacturer	=	prt	Printer	A person, family, or organization involved in manufacturing a manifestation of printed text, notated music, etc., from type or plates, such as a book, newspaper, magazine, broadside, score, etc
printmaker	printmaker	An agent involved in manufacturing a resource by making a relief, intaglio, or planographic printing surface.	manufacturer	=	prm	Printmaker	A person or organization who makes a relief, intaglio, or planographic printing surface

producer	producer	An agent responsible for most of the business aspects of a production for screen, sound recording, television, webcast, etc. The producer is generally responsible for fund raising, managing the production, hiring key personnel, arranging for distributors, etc.	otherPFCResource	=	pro	Producer	A person, family, or organization responsible for most of the business aspects of a production for screen, sound recording, television, webcast, etc. The producer is generally responsible for fund raising, managing the production, hiring key personnel, arranging for distributors, etc.
productionCompany	production company	A corporate body that is responsible for financial, technical, and organizational management of a production for stage, screen, sound recording, television, webcast, etc.	otherPFCResource	=	prn	Production company	An organization that is responsible for financial, technical, and organizational management of a production for stage, screen, sound recording, television, webcast, etc.
productionDesigner	production designer	An agent responsible for designing the overall visual appearance of a moving image production.	contributor	=	prs	Production designer	A person or organization responsible for designing the overall visual appearance of a moving image production
programmer	programmer	An agent responsible for creating a computer program.	creator	=	prg	Programmer	A person, family, or organization responsible for creating a computer program
publisher	publisher	An agent responsible for publishing, releasing, or issuing a resource.		=	pbl	Publisher	A person or organization responsible for publishing, releasing, or issuing a resource
puppeteer	puppeteer	A performer contributing to a resource by manipulating, controlling, or directing puppets or marionettes in a moving image production or a musical or dramatic presentation or entertainment.	performer	=	ppt	Puppeteer	A performer contributing to a resource by manipulating, controlling, or directing puppets or marionettes in a moving image production or a musical or dramatic presentation or entertainment
radioDirector	radio director	A director responsible for the general management and supervision of a radio program.	director	=	rdd	Radio director	A director responsible for the general management and supervision of a radio program
radioProducer	radio producer	A producer responsible for most of the business aspects of a radio program.	producer	=	rpp	Radio producer	A producer responsible for most of the business aspects of a radio program
recordingEngineer	recording engineer	An agent contributing to a resource by supervising the technical aspects of a sound or video recording session.	contributor	=	rce	Recording engineer	A person contributing to a resource by supervising the technical aspects of a sound or video recording session

recordingist	recordingist	An agent contributing to a resource by using a recording device to capture sound and/or video during a recording session, including field recordings of natural sounds, folkloric events, music, etc.	contributor	=	rcd	Recordingist	A person or organization who uses a recording device to capture sounds and/or video during a recording session, including field recordings of natural sounds, folkloric events, music, etc.
respondent	respondent	A candidate for a degree who defends or opposes a thesis provided by the praeses in an academic disputation.	creator	=	rsp	Respondent	A person or organization who makes an answer to the courts pursuant to an application for redress (usually in an equity proceeding) or a candidate for a degree who defends or opposes a thesis provided by the praeses in an academic disputation
restorationist	restorationist	An agent responsible for the set of technical, editorial, and intellectual procedures aimed at compensating for the degradation of a resource by bringing it back to a state as close as possible to its original condition.	otherPFCResource	=	rsr	Restorationist	A person, family, or organization responsible for the set of technical, editorial, and intellectual procedures aimed at compensating for the degradation of an item by bringing it back to a state as close as possible to its original condition
screenwriter	screenwriter	An author of a screenplay, script, or scene.	author	=	aus	Screenwriter	An author of a screenplay, script, or scene
sculptor	sculptor	An artist responsible for creating a three-dimensional resource by modeling, carving, or similar technique.	artist	=	scl	Sculptor	An artist responsible for creating a three-dimensional work by modeling, carving, or similar technique
seller	seller	A former owner of a resource who sold that resource to another owner.	formerOwner	=	sll	Seller	A former owner of an item who sold that item to another owner
singer	singer	A performer contributing to a resource by using his/her/their voice, with or without instrumental accompaniment, to produce music. A singer's performance may or may not include actual words.	performer	=	sng	Singer	A performer contributing to a resource by using his/her/their voice, with or without instrumental accompaniment, to produce music. A singer's performance may or may not include actual words
speaker	speaker	A type of performer contributing to a resource by speaking words, such as a lecture, speech, etc.	performer	=	spk	Speaker	A performer contributing to a resource by speaking words, such as a lecture, speech, etc.



sponsoringBody	sponsoring body	An agent sponsoring some aspect of the resource, e.g., funding research, sponsoring an event.	otherPFCResource	=	spn	Sponsor	A person, family, or organization sponsoring some aspect of the resource, e.g., funding research, sponsoring an event
stageDirector	stage director	An agent contributing to a stage resource through the general management and supervision of a performance.	contributor	=	sgd	Stage director	A person or organization contributing to a stage resource through the overall management and supervision of a performance
storyteller	storyteller	A performer contributing to a resource by relaying a creator's original story with dramatic or theatrical interpretation.	performer	=	stl	Storyteller	A performer contributing to a resource by relaying a creator's original story with dramatic or theatrical interpretation
surveyor	surveyor	An agent contributing to a cartographic resource by providing measurements or dimensional relationships for the geographic area represented.	contributor	=	srv	Surveyor	A person, family, or organization contributing to a cartographic resource by providing measurements or dimensional relationships for the geographic area represented
teacher	teacher	A performer contributing to a resource by giving instruction or providing a demonstration.	performer	=	tch	Teacher	A performer contributing to a resource by giving instruction or providing a demonstration
televisionDirector	television director	A director responsible for the general management and supervision of a television program.	director	=	tld	Television director	A director responsible for the general management and supervision of a television program
televisionProducer	television producer	A producer responsible for most of the business aspects of a television program.	producer	=	tlp	Television producer	A producer responsible for most of the business aspects of a television program
transcriber	transcriber	An agent contributing to a resource by changing it from one system of notation to another.	contributor	=	trc	Transcriber	A person, family, or organization contributing to a resource by changing it from one system of notation to another. For a work transcribed for a different instrument or performing group, see Arranger [arr]. For makers of pen-facsimiles, use Facsimilist [fac]
translator	translator	An agent contributing to a resource by expressing the original text of the resource in a language different from that of the original resource.	contributor	=	trl	Translator	A person or organization who renders a text from one language into another, or from an older form of a language into the modern form

voiceActor	voice actor	A performer contributing to a resource by providing the voice for characters in radio and audio productions and for animated characters in moving image resources as well as by providing voice-overs in radio and television commercials, dubbed resources, etc.	actor				
writerOfAddedCommentary	writer of added commentary	An agent contributing to a resource by providing an interpretation or critical explanation of the original resource.	writerOfSupplementaryTextualContent	=	wac	Writer of added commentary	An agent contributing to an expression of a work by providing an interpretation or critical explanation of the original work
writerOfAddedLyrics	writer of added lyrics	A writer of words added to a musical resource.	writerOfAddedText	=	wal	Writer of added lyrics	A writer of words added to an expression of a musical work. For lyric writing in collaboration with a composer to form an original work, see lyricist
writerOfAddedText	writer of added text	An agent contributing to a primarily non-textual resource by providing text for the non-textual resource (e.g., writing captions for photographs, descriptions of maps).	writerOfSupplementaryTextualContent	=	wac	Writer of added text	A person, family, or organization contributing to a non-textual resource by providing text for the non-textual work (e.g., writing captions for photographs, descriptions of maps).
writerOfIntroduction	writer of introduction	An agent contributing to a resource by providing an introduction to the original resource.	writerOfSupplementaryTextualContent				
writerOfPreface	writer of preface	An agent contributing to a resource by providing a preface to the original resource	writerOfSupplementaryTextualContent				
writerOfSupplementaryTextualContent	writer of supplementary textual content	An agent contributing to a resource by providing supplementary textual content (e.g., an appendix, an introduction, a preface) to the original resource.	contributor				

**Table 1.I. Inverse: Unconstrained RDF properties for inverse RDA relationship designators in Appendix I.**

InvUncl URI	Label	Definition	subPropertyOf
abridgerOf	abridger of	Relates an agent contributing to a resource by shortening or condensing the original resource but leaving the nature and content of the original resource substantially unchanged to the resource.	contributorOf
actorOf	actor of	Relates a performer contributing to a resource by acting as a cast member or player in a musical or dramatic presentation, etc. to the resource.	performerOf
addresseeOf	addressee of	Relates an agent to whom the resource or part of the resource is addressed to the resource.	otherPFCResourceOf
animatorOf	animator of	Relates an agent contributing to a moving image resource or computer program by giving apparent movement to inanimate objects or drawings to the resource.	contributorOf
annotatorOf	annotator of	Relates an agent who makes manuscript annotations on a resource to the resource.	otherPFCResourceOf
appellantOf	appellant of	Relates an agent who appeals a lower court's decision to the resource.	otherPFCResourceOf
appelleeOf	appellee of	Relates an agent against whom an appeal is taken to the resource.	otherPFCResourceOf
architectOf	architect of	Relates an agent responsible for creating an architectural design, including a pictorial representation intended to show how a building, etc., will look when completed to the resource.	creatorOf
arrangerOfMusicOf	arranger of music of	Relates an agent contributing to a musical resource by rewriting the composition for a medium of performance different from that for which the resource was originally intended to the resource.	contributorOf
artDirectorOf	art director of	Relates an agent contributing to a resource by overseeing the artists and craftspeople who build the sets for moving image productions to the resource.	contributorOf
artistOf	artist of	Relates an agent responsible for creating a resource by conceiving, and often implementing, an original graphic design, drawing, painting, etc. to the resource.	creatorOf
authorOf	author of	Relates an agent responsible for creating a resource that is primarily textual in content, regardless of media type (e.g., printed text, spoken word, electronic text, tactile text) or genre (e.g., poems, novels, screenplays, blogs) to the resource.	creatorOf
autographerOf	autographer of	Relates an agent whose manuscript signature appears on a resource to the resource.	otherPFCResourceOf
binderOf	binder of	Relates an agent who binds a resource to the resource.	otherPFCResourceOf
bookDesignerOf	book designer of	Relates an agent involved in manufacturing a resource by being responsible for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used to the resource.	manufacturerOf

brailleEmbosserOf	braille embosser of	Relates an agent involved in manufacturing a resource by embossing Braille cells using a stylus, special embossing printer, or other device to the resource.	manufacturerOf
broadcasterOf	broadcaster of	Relates an agent involved in broadcasting a resource to an audience via radio, television, webcast, etc. to the resource.	publisherOf
cartographerOf	cartographer of	Relates an agent responsible for creating a map, atlas, globe, or other cartographic resource to the resource.	creatorOf
casterOf	caster of	Relates an agent involved in manufacturing a resource by pouring a liquid or molten substance into a mold and leaving it to solidify to take the shape of the mold to the resource.	manufacturerOf
choreographerOf	choreographer of	Relates an agent responsible for creating a resource of movement to the resource.	creatorOf
collectionRegistrarOf	collection registrar of	Relates a curator who lists or inventories the items in an aggregate resource such as a collection of items or resources to the resource.	curatorOf
collectorOf	collector of	Relates a curator who brings together items from various sources that are then arranged, described, and cataloged as a collection to the resource.	curatorOf
collo typerOf	collo typer of	Relates an agent involved in manufacturing a resource of photographic prints from film or other colloid that has ink-receptive and ink-repellent surfaces to the resource.	manufacturerOf
commentatorOf	commentator of	Relates a performer contributing to a resource by providing interpretation, analysis, or a discussion of the subject matter on a recording, film, or other audiovisual medium to the resource.	performerOf
compilerOf	compiler of	Relates an agent responsible for creating a new resource (e.g., a bibliography, a directory) by selecting, arranging, aggregating, and editing data, information, etc. to the resource.	creatorOf
composerOf	composer of	Relates an agent responsible for creating a musical resource to the resource.	creatorOf
conductorOf	conductor of	Relates a performer contributing to a musical resource by leading a performing group (orchestra, chorus, opera, etc.) in a musical or dramatic presentation, etc. to the resource.	performerOf
consultantOf	consultant of	Relates an agent who provides consultation services, and often makes recommendations, for another agent that is represented as the creator of a resource to the resource.	creatorOf
contributorOf	contributor of	Relates an agent contributing to the resource to the resource.	
costumeDesignerOf	costume designer of	Relates an agent contributing to a resource by designing the costumes for a moving image production or for a musical or dramatic presentation or entertainment to the resource.	contributorOf
courtGovernedOf	court governed of	Relates a court governed by court rules, regardless of their official nature (e.g., laws, administrative regulations) to the resource.	otherPFCResourceOf
courtReporterOf	court reporter of	Relates an agent contributing to a resource by preparing a court's opinions for publication to the resource.	contributorOf

creatorOf	creator of	Relates an agent responsible for the creation of a resource to the resource.	
curatorOf	curator of	Relates an agent conceiving, aggregating, and/or organizing an exhibition, collection, or other resource to the resource.	otherPFCResourceOf
currentOwnerOf	current owner of	Relates an agent currently having legal possession of a resource (i.e., a specific copy or instance of a resource) to the resource.	OwnerOf
dancerOf	dancer of	Relates a performer contributing to a resource by dancing in a musical, dramatic, etc., presentation to the resource.	performerOf
dedicateeOf	dedicatee of	Relates an agent to whom the resource is dedicated to the resource.	otherPFCResourceOf
dedicatorOf	dedicator of	Relates an agent by whom the resource is dedicated to the resource.	otherPFCResourceOf
defendantOf	defendant of	Relates an agent who is accused in a criminal proceeding or sued in a civil proceeding to the resource.	otherPFCResourceOf
degreeGrantingInstitutionOf	degree granting institution of	Relates an agent granting an academic degree to the resource.	otherPFCResourceOf
degreeSupervisorOf	degree supervisor of	Relates an agent overseeing a higher-level academic degree to the resource.	creatorOf
depositorOf	depositor of	Relates a current owner of a resource who deposited the resource into the custody of another agent, while still retaining ownership to the resource.	currentOwnerOf
designerOf	designer of	Relates an agent responsible for creating a design for an object to the resource.	creatorOf
directorOf	director of	Relates an agent responsible for the general management and supervision of a filmed performance, a radio or television program, etc. to the resource.	otherPFCResourceOf
directorOfPhotographyOf	director of photography of	Relates an agent that captures images, either electronically or on film or video stock, and often selects and arranges the lighting to the resource.	otherPFCResourceOf
distributorOf	distributor of	Relates an agent responsible for distributing a resource to the resource.	
donorOf	donor of	Relates a former owner of a resource who donated that resource to another owner to the resource.	formerOwnerOf
draftsmanOf	draftsman of	Relates an agent contributing to a resource by an architect, inventor, etc., by making detailed plans or drawings for buildings, ships, aircraft, machines, objects, etc. to the resource.	contributorOf
editorOf	editor of	Relates an agent contributing to a resource by revising or clarifying the content, e.g., adding an introduction, notes, or other critical matter to the resource.	contributorOf
editorOfMovingImageWorkOf	editor of moving image work of	Relates an agent responsible for assembling, arranging, and trimming film, video, or other moving image formats, including both visual and audio aspects to the resource.	contributorOf
enactingJurisdictionOf	enacting jurisdiction of	Relates a jurisdiction enacting a law, regulation, constitution, court rule, etc. to the resource.	creatorOf
engraverOf	engraver of	Relates an agent involved in manufacturing a resource by cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing to the resource.	manufacturerOf

etcherOf	etcher of	Relates an agent involved in manufacturing a resource by subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance to the resource.	manufacturerOf
filmDirectorOf	film director of	Relates a director responsible for the general management and supervision of a filmed performance to the resource.	directorOf
filmDistributorOf	film distributor of	Relates an agent involved in distributing a moving image resource to theatres or other distribution channels to the resource.	distributorOf
filmmakerOf	filmmaker of	Relates an agent responsible for creating an independent or personal film to the resource.	creatorOf
filmProducerOf	film producer of	Relates a producer responsible for most of the business aspects of a film to the resource.	producerOf
formerOwnerOf	former owner of	Relates an agent formerly having legal possession of a resource (i.e., a specific copy or instance of a resource) to the resource.	ownerOf
honoureeOf	honouree of	Relates an agent honoured by a resource (e.g., the honouree of a festschrift) to the resource.	otherPFCResourceOf
host institutionOf	host institution of	Relates a corporate body hosting an event, exhibit, conference, etc., which gave rise to the resource, but having little or no responsibility for the content of the resource to the resource.	otherPFCResourceOf
hostOf	host of	Relates a performer contributing to a resource by leading a program (often broadcast) that includes other guests, performers, etc. (e.g., talk show host) to the resource.	performerOf
illuminatorOf	illuminator of	Relates an agent providing decoration to a specific resource using precious metals or color, often with elaborate designs and motifs to the resource.	otherPFCResourceOf
illustratorOf	illustrator of	Relates an agent contributing to a resource by supplementing the primary content with drawings, diagrams, photographs, etc. to the resource.	contributorOf
inscriberOf	inscriber of	Relates an agent who has written a statement of dedication or gift on a resource to the resource.	otherPFCResourceOf
instrumentalistOf	instrumentalist of	Relates a performer contributing to a resource by playing a musical instrument to the resource.	performerOf
intervieweeOf	interviewee of	Relates an agent responsible for creating a resource by responding to an interviewer, usually a reporter, pollster, or some other information gathering agent to the resource.	creatorOf
interviewerOf	interviewer of	Relates an agent responsible for creating a resource by acting as an interviewer, reporter, pollster, or some other information gathering agent to the resource.	creatorOf
inventorOf	inventor of	Relates an agent responsible for creating a new device or process to the resource.	creatorOf
issuing bodyOf	issuing body of	Relates an agent issuing the resource, such as an official organ of the body to the resource.	otherPFCResourceOf
judgeOf	judge of	Relates an agent who hears and decides on legal matters in court to the resource.	otherPFCResourceOf
jurisdictionGovernedOf	jurisdiction governed of	Relates a jurisdiction governed by a law, regulation, etc., that was enacted by another jurisdiction to the resource.	otherPFCResourceOf
landscapeArchitectOf	landscape architect of	Relates an architect responsible for creating landscape resources to the resource.	architectOf

librettistOf	librettist of	Relates an author of the words of an opera or other musical stage resource or an oratorio to the resource.	authorOf
lithographerOf	lithographer of	Relates an agent involved in manufacturing a resource by preparing a stone or plate for lithographic printing, including a graphic artist creating a design directly on the surface from which printing will be done to the resource.	manufacturerOf
lyricistOf	lyricist of	Relates an author of the words of a popular song, including a song or songs from a musical to the resource.	authorOf
manufacturerOf	manufacturer of	Relates an agent responsible for printing, duplicating, casting, etc., a resource in a published form to the resource.	
moderatorOf	moderator of	Relates a performer contributing to a resource by leading a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion to the resource.	performerOf
musicalDirectorOf	musical director of	Relates an agent contributing to a resource by coordinating the activities of the composer, the sound editor, and sound mixers for a moving image production or for a musical or dramatic presentation or entertainment to the resource.	contributorOf
narratorOf	narrator of	Relates a performer contributing to a resource by reading or speaking in order to give an account of an act, occurrence, course of events, etc. to the resource.	performerOf
onScreenPresenterOf	on-screen presenter of	Relates a performer contributing to a resource by appearing on screen to provide contextual or background information.	performerOf
otherPFCResourceOf		Relates an agent associated with a resource other than as a creator to the resource.	
ownerOf	owner of	Relates an agent having legal possession of an item (i.e., a specific copy or instance of a resource) to the resource.	
panelistOf	panelist of	Relates a performer contributing to a resource by participating in a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion to the resource.	performerOf
performerOf	performer of	Relates an agent contributing to a resource by performing music, acting, dancing, speaking, etc., often in a musical or dramatic presentation, etc. to the resource.	contributorOf
photographerOf	photographer of	Relates an agent responsible for creating a photographic resource to the resource.	creatorOf
plaintiffOf	plaintiff of	Relates an agent or corporate body who brings a suit in a civil proceeding to the resource.	otherPFCResourceOf
platemakerOf	platemaker of	Relates an agent involved in manufacturing a resource by preparing plates used in the production of printed images and/or text to the resource.	manufacturerOf
praesesOf	praeses of	Relates an agent who is the faculty moderator of an academic disputation, normally proposing a thesis and participating in the ensuing disputation to the resource.	creatorOf

presenterOf	presenter of	Relates an agent mentioned in an "X presents" credit for moving image materials and who is probably associated with production, finance, or distribution in some way to the resource.	contributorOf
printerOf	printer of	Relates an agent involved in manufacturing a resource of printed text, notated music, etc., from type or plates, such as a book, newspaper, magazine, broadside, score, etc. to the resource.	manufacturerOf
printmakerOf	printmaker of	Relates an agent involved in manufacturing a resource by making a relief, intaglio, or planographic printing surface to the resource.	manufacturerOf
producerOf	producer of	Relates an agent responsible for most of the business aspects of a production for screen, sound recording, television, webcast, etc. The producer is generally responsible for fund raising, managing the production, hiring key personnel, arranging for distributors, etc. to the resource.	otherPFCResourceOf
productionCompanyOf	production company of	Relates an agent that is responsible for financial, technical, and organizational management of a production for stage, screen, sound recording, television, webcast, etc. to the resource.	otherPFCResourceOf
productionDesignerOf	production designer of	Relates an agent responsible for designing the overall visual appearance of a moving image production to the resource.	contributorOf
programmerOf	programmer of	Relates an agent responsible for creating a computer program to the resource.	creatorOf
publisherOf	publisher of	Relates an agent responsible for publishing, releasing, or issuing a resource to the resource.	
puppeteerOf	puppeteer of	Relates a performer contributing to a resource by manipulating, controlling, or directing puppets or marionettes in a moving image production or a musical or dramatic presentation or entertainment to the resource.	performerOf
radioDirectorOf	radio director of	Relates a director responsible for the general management and supervision of a radio program to the resource.	directorOf
radioProducerOf	radio producer of	Relates a producer responsible for most of the business aspects of a radio program to the resource.	producerOf
recordingEngineerOf	recording engineer of	Relates an agent contributing to a resource by supervising the technical aspects of a sound or video recording session to the resource.	contributorOf
recordistOf	recordist of	Relates an agent contributing to a resource by using a recording device to capture sound and/or video during a recording session, including field recordings of natural sounds, folkloric events, music, etc. to the resource.	contributorOf
respondentOf	respondent of	Relates a candidate for a degree who defends or opposes a thesis provided by the praeses in an academic disputation to the resource.	creatorOf
restorationistOf	restorationist of	Relates an agent responsible for the set of technical, editorial, and intellectual procedures aimed at compensating for the degradation of a resource by bringing it back to a state as close as possible to its original condition to the resource.	otherPFCResourceOf
screenwriterOf	screenwriter of	Relates an author of a screenplay, script, or scene to the resource.	authorOf



sculptorOf	sculptor of	Relates an artist responsible for creating a three-dimensional resource by modeling, carving, or similar technique to the resource.	artistOf
sellerOf	seller of	Relates a former owner of a resource who sold that resource to another owner to the resource.	formerOwnerOf
singerOf	singer of	Relates a performer contributing to a resource by using his/her/their voice, with or without instrumental accompaniment, to produce music to the resource.	performerOf
speakerOf	speaker of	Relates a type of performer contributing to a resource by speaking words, such as a lecture, speech, etc. to the resource.	performerOf
sponsoringBodyOf	sponsoring body of	Relates an agent sponsoring some aspect of the resource, e.g., funding research, sponsoring an event to the resource.	otherPFCResourceOf
stageDirectorOf	stage director of	Relates an agent contributing to a stage resource through the general management and supervision of a performance to the resource.	contributorOf
storytellerOf	storyteller of	Relates a performer contributing to a resource by relaying a creator's original story with dramatic or theatrical interpretation to the resource.	performerOf
surveyorOf	surveyor of	Relates an agent contributing to a cartographic resource by providing measurements or dimensional relationships for the geographic area represented to the resource.	contributorOf
teacherOf	teacher of	Relates a performer contributing to a resource by giving instruction or providing a demonstration to the resource.	performerOf
televisionDirectorOf	television director of	Relates a director responsible for the general management and supervision of a television program to the resource.	directorOf
televisionProducerOf	television producer of	Relates a producer responsible for most of the business aspects of a television program to the resource.	producerOf
transcriberOf	transcriber of	Relates an agent contributing to a resource by changing it from one system of notation to another to the resource.	contributorOf
translatorOf	translator of	Relates an agent contributing to a resource by expressing the original text of the resource in a language different from that of the original resource.	contributorOf
voiceActorOf	voice actor of	Relates a performer contributing to a resource by providing the voice for characters in radio and audio productions and for animated characters in moving image resources as well as by providing voice-overs in radio and television commercials, dubbed resources, etc. to the resource.	actorOf
writerOfAddedCommentaryOf	writer of added commentary of	Relates an agent contributing to a resource by providing an interpretation or critical explanation of the original resource to the resource.	writerOfSupplementaryTextualContentOf
writerOfAddedLyricsOf	writer of added lyrics of	Relates a writer of words added to a musical resource to the resource.	writerOfAddedTextOf
writerOfAddedTextOf	writer of added text of	Relates an agent contributing to a primarily non-textual resource by providing text for the non-textual resource (e.g., writing captions for photographs, descriptions of maps) to the resource.	writerOfSupplementaryTextualContentOf

writerOfIntroductionOf	writer of introduction of	Relates an agent contributing to a resource by providing an introduction to the original resource to the resource.	writerOfSupplementaryTextualContentOf
writerOfPrefaceOf	writer of preface of	Relates an agent contributing to a resource by providing a preface to the original resource to the resource.	writerOfSupplementaryTextualContentOf
writerOfSupplementaryTextualContentOf	writer of supplementary textual content of	Relates an agent contributing to a resource by providing supplementary textual content (e.g., an appendix, an introduction, a preface) to the original resource to the resource.	contributorOf

**Table 1.J: Unconstrained RDF properties for RDA relationship designators in Appendix J**

UncJ URI	Label	Definition	subPropertyOf	inverseOf UncJ
abridgedAs	abridged as	A resource that shortens the source resource without changing the general meaning or manner of presentation.	derivative	abridgementOf
abridgementOf	abridgement of	A resource that has been abridged, i.e., shortened without changing the general meaning or manner of presentation of the source resource.	basedOn	abridgedAs
absorbed	absorbed	The resource that has been incorporated into another resource.	precededBy	absorbedBy
absorbedBy	absorbed by	A resource that incorporates another resource.	succeededBy	absorbed
absorbedInPart	absorbed in part	The resource that has been partially incorporated into another resource.	precededBy	absorbedInPartBy
absorbedInPartBy	absorbed in part by	A resource that incorporates part of the content of another resource.	succeededBy	absorbedInPart
abstract	abstract	A resource that abbreviates the source resource in a brief, objective manner.	derivative	abstractOf
abstractedIn	abstracted in	A resource (an abstracting and indexing service) that abstracts the contents of a source entity.	derivative	abstractsFor
abstractOf	abstract of	A resource that has been abstracted, i.e., abbreviated in a brief, objective manner.	basedOn	abstract
abstractsFor	abstracts for	A resource whose contents have been abstracted by an abstracting and indexing service.	basedOn	abstractedIn
accompaniedBy	accompanied by	A resource issued with another resource, without any relationship to its content.	accompanyingRelationship	accompaniedBy
accompanyingRelationship	accompanying relationship			
adaptationOf	adaptation of	A resource that has been modified for a purpose, use, or medium other than that for which it was originally intended.	basedOn	adaptedAs

adaptedAs	adapted as	A resource that modifies the source resource for a purpose, use, or medium other than that for which it was originally intended.	derivative	adaptationOf
adaptedAsAMotionPicture	adapted as a motion picture	A motion picture based on the source resource.	adaptedAs	motionPictureAdaptationOf
adaptedAsAMotionPictureScreenplay	adapted as a motion picture screenplay	A resource consisting of the screenplay for a motion picture, based on the source resource.	adaptedAsAScreenplay	motionPictureScreenplayBasedOn
adaptedAsARadioProgram	adapted as a radio program	A radio program based on the source resource.	adaptedAs	radioAdaptationOf
adaptedAsARadioScript	adapted as a radio script	A resource consisting of the script for a radio program, based on the source resource.	adaptedAs	radioScriptBasedOn
adaptedAsAScreenplay	adapted as a screenplay	A resource consisting of the screenplay for a motion picture, television program, or video, based on the source resource.	adaptedAs	screenplayBasedOn
adaptedAsATelevisionProgram	adapted as a television program	A television program based on the source resource.	adaptedAs	televisionAdaptationOf
adaptedAsATelevisionScreenplay	adapted as a television screenplay	A resource consisting of the screenplay for a television program, based on the source resource.	adaptedAsAScreenplay	televisionScreenplayBasedOn
adaptedAsAVideo	adapted as a video	A video based on the source resource.	adaptedAs	videoAdaptationOf
adaptedAsAVideoScreenplay	adapted as a video screenplay	A resource consisting of the screenplay for a video, based on the source resource.	adaptedAsAScreenplay	videoScreenplayBasedOn
addenda	addenda	A resource that consists of brief additional material, less extensive than a supplement, but essential to the completeness of the text of the predominant resource; it is usually added at the end of the content, but is sometimes issued separately.	augmentedBy	addendaTo
addendaTo	addenda to	A resource to which is added brief additional material, less extensive than a supplement, but essential to the completeness of the content of the resource; it is usually added at the end of the resource, but is sometimes issued separately.	augmentationOf	addenda
alsoIssuedAs	also issued as	A resource issued in a different format embodying the resource being described.	equivalent	alsoIssuedAs
analysedIn	analysed in	A resource that examines the source resource to identify its components and their relations.	describedIn	analysisOf

analysisOf	analysis of	A resource that has been examined to identify its components and their relations.	descriptionOf	analysedIn
appendix	appendix	A resource that forms an augmenting part of another resource which is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; it can either be material which comes at the end of the content of the predominant resource, or be issued separately.	augmentedBy	appendixTo
appendixTo	appendix to	A resource that is augmented by another resource that consists of material that is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; the augmenting resource can either come at the end of the content, or be issued separately.	augmentationOf	appendix
augmentationOf	augmentation of	A resource whose content is added to by another resource.	accompanyingRelationship	augmentedBy
augmentedBy	augmented by	A resource that adds to the content of a predominant resource.	accompanyingRelationship	augmentationOf
basedOn	based on	A resource used as the source for a derivative resource.	derivativeRelationship	derivative
basisForLibretto	basis for libretto	A resource that consists of the text of an opera or other resource for the musical stage, or an oratorio, based on the source resource.	derivative	librettoBasedOn
boundWith	bound with	A resource that has been bound within the same binding as the resource being described.	accompaniedBy	boundWith
cadenza	cadenza	A musical resource consisting of an ornamental passage for a soloist, added to a musical resource such as a concerto, either by the same or a different composer.	complementedBy	cadenzaComposedFor
cadenzaComposedFor	cadenza composed for	A musical resource such as a concerto for which an ornamental passage for a soloist has been composed, either by the same or a different composer.	complementedBy	cadenza
catalogue	catalogue	A resource that consists of a complete enumeration of resources arranged systematically.	augmentedBy	catalogueOf
catalogueOf	catalogue of	A resource used as the basis for a catalogue, i.e., a complete enumeration of resources arranged systematically.	augmentationOf	catalogue

choreography	choreography	A resource consisting of dance based on the source resource.	derivative	choreographyFor
choreographyFor	choreography for	A resource used as the basis for a derivative resource consisting of dance.	basedOn	choreography
commentaryIn	commentary in	A resource that contains a set of explanatory or critical notes on the described resource	describedIn	commentaryOn
commentaryOn	commentary on	A resource used as the basis for a set of explanatory or critical notes.	descriptionOf	commentaryIn
complementedBy	complemented by	A resource paired with another resource without either resource being considered to predominate.	accompanyingRelationship	complementedBy
concordance	concordance	A resource that consists of an index of all the words in the predominant resource.	augmentedBy	concordanceTo
concordanceTo	concordance to	A resource used as the basis for a concordance, i.e. an index of all the words in the predominant resource.	augmentationOf	concordance
containedIn	contained in	A larger resource of which a part is a discrete component.	wholePartRelationship	contains
contains	contains	A resource that is a discrete component of a larger resource.	wholePartRelationship	containedIn
containsFacsimileOf	contains facsimile of	A resource used as the basis for an exact reproduction that is a discrete component of a larger entity.	contains	facsimileContainedIn
continuedBy	continued by	A resource whose content continues an earlier resource under a new title.	succeededBy	continues
continuedInPartBy	continued in part by	A resource part of whose content separated from an earlier resource to form a new resource.	succeededBy	separatedFrom
continues	continues	The resource that is continued by the content of a later resource under a new title.	precededBy	continuedBy
continuesInPart	continues in part	A resource that split into two or more separate resources with new titles.	precededBy	splitInto
critiquedIn	critiqued in	A resource that contains a critical evaluation of the described resource.	describedIn	critiqueOf
critiqueOf	critique of	A resource used as the basis for a critical evaluation.	descriptionOf	critiquedIn
derivative	derivative	A resource that is a modification of a source resource.	derivativeRelationship	basedOn

derivativeRelationship	derivative relationship			
describedIn	described in	A resource that describes a described entity.	descriptiveRelationship	descriptionOf
descriptionOf	description of	A resource described by a describing entity.	descriptiveRelationship	describedIn
descriptiveRelationship	descriptive relationship			
digest	digest	A resource that systematically and comprehensively condenses the source resource.	derivative	digestOf
digestOf	digest of	A resource that has been digested, i.e., systematically and comprehensively condensed.	basedOn	digest
digitalTransfer	digital transfer	A resource resulting from the transfer of a resource from one digital format to another.	reproducedAs	digitalTransferOf
digitalTransferOf	digital transfer of	A resource transferred from one digital format to another.	reproductionOf	digitalTransfer
dramatizationOf	dramatization of	A resource that has been adapted as a drama.	adaptationOf	dramatizedAs
dramatizedAs	dramatized as	A dramatic resource adapted from the source resource.	adaptedAs	dramatizationOf
dubbedVersion	dubbed version	A moving image resource that translates the spoken dialogue of the original resource into a different language.	translatedAs	dubbedVersionOf
dubbedVersionOf	dubbed version of	A moving image resource in which the spoken dialogue has been translated into a language different from that of the original resource.	translationOf	dubbedVersion
electronicReproduction	electronic reproduction	A digital resource resulting from the reproduction of an analog resource.	reproducedAs	electronicReproductionOf
electronicReproductionOf	electronic reproduction of	An analog resource used as the basis for an electronic reproduction.	reproductionOf	electronicReproduction
equivalent	equivalent	A resource embodying the resource.	equivalentRelationship	equivalent
equivalentRelationship	equivalent relationship			
errata	errata	A resource consisting of errors discovered after the publication of the predominant resource, with their corrections.	augmentedBy	errataTo

errataTo	errata to	A resource that is augmented by a list of errors in the predominant resource, discovered after publication, with their corrections.	augmentationOf	errata
evaluatedIn	evaluated in	A resource that examines or judges the source resource.	describedIn	evaluationOf
evaluationOf	evaluation of	A resource that is examined or judged.	descriptionOf	evaluatedIn
expandedAs	expanded as	A resource that enlarges upon the content of the source resource.	derivative	expandedVersionOf
expandedVersionOf	expanded version of	A resource used as the basis for a derivative resource that enlarges upon the content of the source resource.	basedOn	expandedAs
facsimile	facsimile	A resource that exactly reproduces another resource embodying the resource.	reproducedAs	facsimileOf
facsimileContainedIn	facsimile contained in	A larger resource of which a part is a discrete component that exactly reproduces another resource embodying the resource.	containedIn	containsFacsimileOf
facsimileOf	facsimile of	A resource used as the basis for an exact reproduction.	reproductionOf	facsimile
filmedWith	filmed with	A resource that is issued on the same microform with the resource being described.	issuedWith	filmedWith
findingAid	finding aid	A resource that provides a guide to the organization, arrangement, and contents of an archival collection.	augmentedBy	findingAidFor
findingAidFor	finding aid for	An archival collection that is described in a finding aid, i.e., a guide to the organization, arrangement, and contents of the collection.	augmentationOf	findingAid
freelyTranslatedAs	freely translated as	A resource created by freely translating the source resource into another language, preserving the spirit of the original, but not its linguistic details.	derivative	freeTranslationOf
freeTranslationOf	free translation of	A resource that has been translated freely, preserving the spirit of the original, but not its linguistic details.	basedOn	freelyTranslatedAs
guide	guide	A resource that guides a user through the use of the predominant resource, using notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.	augmentedBy	guideTo
guideTo	guide to	A resource that is augmented by another resource consisting of material to help the user of the predominant resource, such as notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.	augmentationOf	guide



illustrations	illustrations	A resource consisting of pictorial content designed to explain or decorate the augmented resource.	augmentedBy	illustrationsFor
illustrationsFor	illustrations for	A resource that is augmented by pictorial content designed to explain or decorate it.	augmentationOf	illustrations
imitatedAs	imitated as	A resource that copies the style or content of the source resource.	derivative	imitationOf
imitationOf	imitation of	A resource whose style or content is copied in a derivative resource.	basedOn	imitatedAs
index	index	A resource that provides a systematic, alphabetical guide to the contents of the predominant resource, usually keyed to page numbers or other reference codes.	augmentedBy	indexTo
indexedIn	indexed in	A resource (an abstracting and indexing service) that indexes the contents of the source resource.	derivative	indexingFor
indexingFor	indexing for	A resource whose contents have been indexed by an abstracting and indexing service.	basedOn	indexedIn
indexTo	index to	A resource used as the basis for an index, i.e., a systematic, alphabetical guide to the contents of the predominant resource, usually keyed to page numbers or other reference codes.	augmentationOf	index
inSeries	in series	A resource in which the part has been issued; the title of the larger resource appears on the part.	containedIn	seriesContains
insert	insert	A resource consisting of separately issued material that is not an integral part of the larger resource into which it has been inserted.	contains	insertedIn
insertedIn	inserted in	A resource into which material has been inserted that is not an integral part of the publication.	containedIn	insert
issuedWith	issued with	A resource that is issued on the same carrier as the resource being described.	accompaniedBy	issuedWith
libretto	libretto	A resource that provides the text of an opera or other resource for the musical stage, or an oratorio.	complementedBy	librettoFor
librettoBasedOn	libretto based on	A resource used as the basis for the text of an opera or other resource for the musical stage, or an oratorio.	basedOn	basisForLibretto
librettoFor	libretto for	A musical resource such as an opera or other resource for the musical stage, or an oratorio, that uses the text of the related resource as a libretto.	complementedBy	libretto
mergedWithToForm	merged with ... to form ...	One of two or more resources that come together to form a new resource.	succeededBy	mergerOf

mergerOf	merger of	One of two or more resources which came together to form a new resource.	precededBy	mergedWithToForm
mirrorSite	mirror site	A resource of a Web site that is an exact copy, used to reduce network traffic or improve the availability of the original site.	equivalent	mirrorSite
motionPictureAdaptationOf	motion picture adaptation of	A resource that has been adapted as a motion picture.	adaptationOf	adaptedAsAMotionPicture
motionPictureScreenplay	motion picture screenplay	A resource that provides the text for a motion picture.	screenplay	screenplayForTheMotionPicture
motionPictureScreenplayBasedOn	motion picture screenplay based on	A resource that has been adapted as the screenplay for a motion picture.	screenplayBasedOn	adaptedAsAMotionPictureScreenplay
musicalArrangement	musical arrangement	A resource that rewrites the source entity for a medium of performance different from that for which the resource was originally intended.	derivative	musicalArrangementOf
musicalArrangementOf	musical arrangement of	A resource that has been rewritten for a medium of performance different from that for which the resource was originally intended.	basedOn	musicalArrangement
musicalSetting	musical setting	A non-dramatic musical resource, other than an oratorio, that uses the text of the source resource.	derivative	musicalSettingOf
musicalSettingOf	musical setting of	A resource that provides the text for a non-dramatic musical resource, other than an oratorio.	basedOn	musicalSetting
musicalVariations	musical variations	A musical resource in which melodic, thematic, or harmonic material is taken from the source resource to form a discrete theme, which is repeated one or more times with subsequent modifications.	derivative	musicalVariationsBasedOn
musicalVariationsBasedOn	musical variations based on	A musical resource from which melodic, thematic, or harmonic material is taken to form a discrete theme, which is repeated one or more times with subsequent modifications.	basedOn	musicalVariations
novelization	novelization	A novel adapted from the source resource.	adaptedAs	novelizationOf
novelizationOf	novelization of	A resource that has been adapted as a novel.	adaptationOf	novelization
onDiscWith	on disc with	A resource that is issued on the same disc with the resource being described.	issuedWith	onDiscWith
paraphrasedAs	paraphrased as	A resource that restates the content of the source resource in a different form.	derivative	paraphraseOf

paraphraseOf	paraphrase of	A resource used as the basis for a paraphrase, i.e., a restating of the content of the source resource in a different form.	basedOn	paraphrasedAs
parodiedAs	parodied as	A resource that imitates the style or content of the source resource for comic effect.	imitatedAs	parodyOf
parodyOf	parody of	A resource whose style or content is imitated for comic effect.	imitationOf	parodiedAs
precededBy	preceded by	A resource that precedes (e.g., is earlier in time or before in a narrative) the succeeding resource.	sequentialRelationship	succeededBy
prequel	prequel	A resource that extends the narrative of an earlier resource backwards in time.	precededBy	prequelTo
prequelTo	prequel to	A resource whose narrative is extended backwards in time by the later resource.	succeededBy	prequel
preservationFacsimile	preservation facsimile	A resource consisting of an exact reproduction on preservation-quality media, such as acid-free permanent or archival paper.	facsimile	preservationFacsimileOf
preservationFacsimileOf	preservation facsimile of	A resource used as the basis for an exact reproduction on preservation-quality media, such as acid-free permanent or archival paper.	facsimileOf	preservationFacsimile
radioAdaptationOf	radio adaptation of	A resource that has been adapted as a radio program.	adaptationOf	adaptedAsARadioProgram
radioScript	radio script	A resource that provides the text for a radio program.	complementedBy	scriptForTheRadioProgram
radioScriptBasedOn	radio script based on	A resource that has been adapted as the script for a radio program.	adaptationOf	adaptedAsARadioScript
remadeAs	remade as	A new motion picture, radio program, television program, or video based on an earlier resource.	derivative	remakeOf
remakeOf	remake of	A resource used as the basis for a new motion picture, radio program, television program, or video.	basedOn	remadeAs
reprintedAs	reprinted as	A resource that reissues the same expression of the resource as the printed resource being described.	reproducedAs	reprintOfManifestation
reprintOf	reprint of	A printed resource that is used as the basis for a reissue with the same content as the resource being described.	reproductionOf	reprintedAs
reproducedAs	reproduced as	A resource that reproduces another resource embodying the resource.	equivalent	reproductionOf
reproductionOf	reproduction of	A resource used as the basis for a reproduction.	equivalent	reproducedAs

reviewedIn	reviewed in	A resource that contains a brief evaluation of the described resource.	describedIn	reviewOf
reviewOf	review of	A resource used as the basis for a brief evaluation.	descriptionOf	reviewedIn
revisedAs	revised as	A resource that has been updated, corrected, or expanded.	derivative	revisionOf
revisionOf	revision of	A resource used as the basis for an updated, corrected, or expanded version.	basedOn	revisedAs
screenplay	screenplay	A resource that provides the text for a motion picture, television program or video.	complementedBy	screenplayFor
screenplayBasedOn	screenplay based on	A resource that has been adapted as the screenplay for a motion picture, television program, or video.	adaptationOf	adaptedAsAScreenplay
screenplayFor	screenplay for	A resource such as a motion picture, television program, or video, that uses the text of the resource as a screenplay.	complementedBy	screenplay
screenplayForTheMotionPicture	screenplay for the motion picture	A resource that uses the text as a screenplay for a motion picture.	screenplayFor	motionPictureScreenplay
screenplayForTheTelevisionProgram	screenplay for the television program	A resource that uses the text as a screenplay for a television program.	screenplayFor	televisionScreenplay
screenplayForTheVideo	screenplay for the video	A resource that uses the text as a screenplay for a video.	screenplayFor	videoScreenplay
scriptForTheRadioProgram	script for the radio program	A resource that uses the text of the source resource as the script for a radio program.	complementedBy	radioScriptExpression
separatedFrom	separated from	A resource that spun off a part of its content to form a new resource.	precededBy	continuedInPartBy
sequel	sequel	A later resource that continues the narrative of an earlier resource.	succeededBy	sequelTo
sequelTo	sequel to	The resource whose narrative is continued by the later resource.	precededBy	sequel
sequentialRelationship	sequential relationship			
seriesContains	series contains	A resource that has been issued as part of a series.	contains	inSeries
specialIssue	special issue	A resource that consists of a single issue or a supplementary section of a serial or newspaper devoted to a special subject.	contains	specialIssueOf

specialIssueOf	special issue of	A serial or newspaper containing a single issue or a supplementary section devoted to a special subject, with or without serial numbering, such as an anniversary number of a periodical or newspaper.	containedIn	specialIssue
splitInto	split into	One of two or more resources resulting from the division of an earlier resource into separate resources.	succeededBy	continuesInPart
subseries	subseries	A serial or multipart resource that consistently appears in a larger resource; the title of the larger resource appears on all issues or parts of the subseries	contains	subseriesOf
subseriesOf	subseries of	A resource in which the part consistently appears; the title of the larger resource appears on all issues or parts of the subseries.	containedIn	subseries
succeededBy	succeeded by	A resource that succeeds (e.g., later in time or after in a narrative) the preceding resource.	sequentialRelationship	precededBy
summary	summary	A resource that consists of a brief recapitulation of the content of the source resource.	derivative	summaryOf
summaryOf	summary of	A resource used as the basis for a brief recapitulation of its content.	basedOn	summary
supersededBy	superseded by	A later resource used in place of an earlier resource, usually because the later resource contains updated or new information that makes the earlier resource obsolete.	succeededBy	supersedes
supersededInPartBy	superseded in part by	A later resource used in part in place of an earlier resource, usually because the later resource contains updated or new information that makes part of the earlier resource obsolete.	succeededBy	supersedesInPart
supersedes	supersedes	An earlier resource whose content has been replaced by a later resource, usually because the later resource contains updated or new information that makes the earlier resource obsolete.	precededBy	supersededBy
supersedesInPart	supersedes in part	An earlier resource whose content has been partially replaced by a later resource, usually because the later resource contains updated or new information that makes the earlier resource obsolete.	precededBy	supersededInPartBy
supplement	supplement	A resource that updates or otherwise complements the predominant resource.	augmentedBy	supplement
supplementTo	supplement to	A resource that is updated or otherwise complemented by the augmenting resource.	augmentationOf	supplementTo

televisionAdaptationOf	television adaptation of	A resource that has been adapted as a television program.	adaptationOf	adaptedAsATelevisionProgram
televisionScreenplay	television screenplay	A resource that provides the text for a television program.	screenplay	adaptedAsATelevisionScreenplay
televisionScreenplayBasedOn	television screenplay based on	A resource that has been adapted as the screenplay for a television program.	screenplayBasedOn	screenplayForTheTelevisionProgram
translatedAs	translated as	A resource that translates the text of the source entity into a language different from that of the original resource.	derivative	translationOf
translationOf	translation of	A resource that has been translated, i.e., the text expressed in a language different from that of the original resource.	basedOn	translatedAs
verseAdaptation	verse adaptation	A literary composition in verse form adapted from the source resource.	adaptedAs	verseAdaptationOf
verseAdaptationOf	verse adaptation of	A resource that has been adapted as a literary composition in verse form.	adaptationOf	verseAdaptation
videoAdaptationOf	video adaptation of	A resource that has been adapted for video.	adaptationOf	adaptedAsAVideo
videoScreenplay	video screenplay	A resource that provides the text for a video.	screenplay	adaptedAsAVideoScreenplay
videoScreenplayBasedOn	video screenplay based on	A resource that has been adapted as the screenplay for a video.	screenplayBasedOn	screenplayForTheVideo
wholePartRelationship	whole-part relationship			

**Table 1.K: Unconstrained RDF properties for RDA relationship designators in Appendix K**

Unck URI	Label	Definition	inverseOf Unck
alternateIdentity	alternate identity	A pseudonymous or other identity assumed by the agent	realIdentity
employee	employee	An agent employed by the agent.	employer
employer	employer	An agent that employs the agent	employee
foundedEntity	founded entity	An agent that the agent founded.	founder
founder	founder	An agent who founded the agent.	foundedEntity
hierarchicalSubordinate	hierarchical subordinate	An agent that is subordinate to the other agent.	hierarchicalSuperior
hierarchicalSuperior	hierarchical superior	An agent that is hierarchically superior to the other agent.	hierarchicalSubordinate
incumbent	incumbent	An agent holding an office in the agent.	
member	member	An agent who is a member of the agent	memberOf
memberOf	member of	An agent of which the agent is a member.	member
mergee	mergee	A agent that merged with the other agent to form a third.	mergee
predecessor	predecessor	An agent that precedes the other agent.	successor
productOfAMerger	product of a merger	A agent that resulted from a merger of two or more other agents.	
productOfASplit	product of a split	A agent that resulted from a split or division of the other agent.	
realIdentity	real identity	A real agent who assumes the alternate identity.	alternateIdentity
sponsor	sponsor	An agent sponsoring the agent.	sponsoredEntity
sponsoredEntity	sponsored entity	An agent that the agent sponsors.	sponsor
successor	successor	An agent that succeeds or follows the other agent.	predecessor