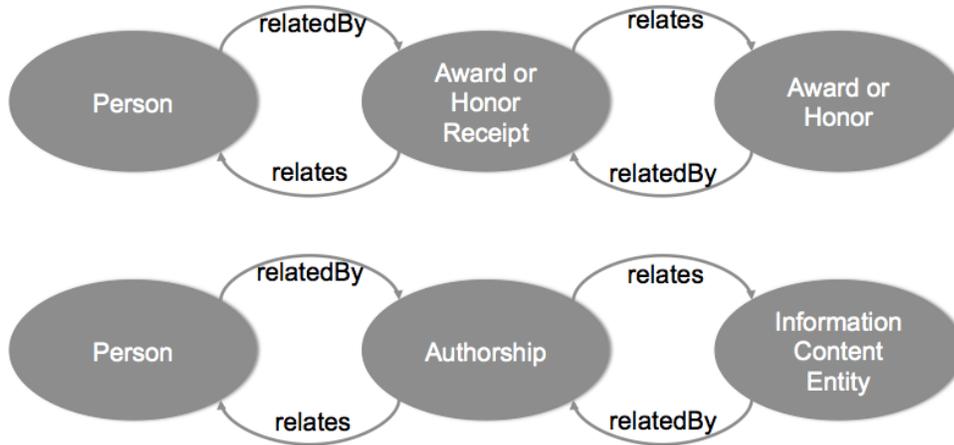


Create and edit faux properties

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Overview

The emphasis in ontology design has been fewer properties connecting more classes. For example, we see that the relationship between a Person, an Authorship, and an Article is very similar to the relationship between a Person, an Award Receipt and an Award.



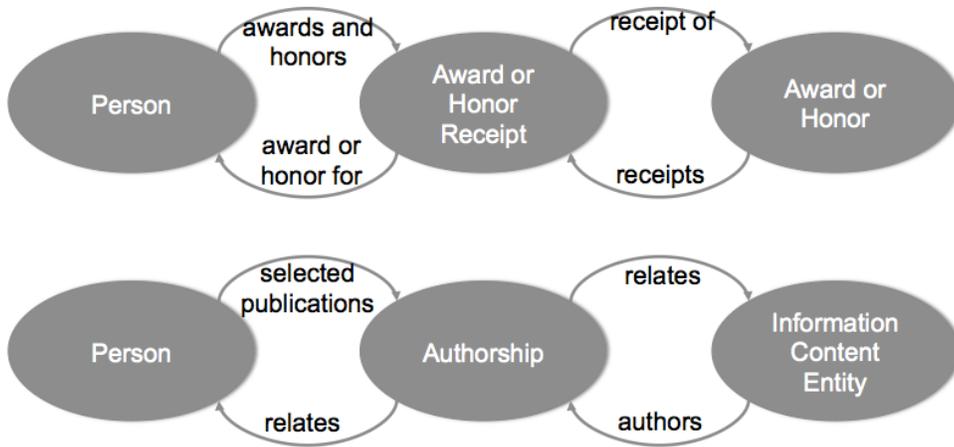
The profile pages in VIVO have been organized by properties. This re-use of properties makes it difficult to organize information on the page. Not only do we want to see at a glance the difference between an authorship and a received award; we may also want to display them in different areas of the page, using different custom views, etc.

VIVO allows us to create "faux" properties, as restrictions on object properties. The faux property has the same property URI as its base property. It has a domain and a range that are restrictions of the domain and range of the base property. Once we have established these criteria, we can assign display properties to the faux property, just as if it were its own object property with its own URI.

In this way, we can define faux properties as follows:

URI	Domain	Range	label	property group
relatedBy	Person	Award or Honor Receipt	awards and honors	Background
relatedBy	Person	Authorship	selected publications	Publications
relatedBy	Award or Honor	Award or Honor Receipt	receipts	Overview
relatedBy	Information Content Entity	Authorship	authors	Overview
relates	Award or Honor Receipt	Person	award or honor for	Overview
relates	Award or Honor	Award or Honor Receipt	receipt of	Overview

Now, these same relationships display quite differently:



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Home | People | Organizations | Research | Events



Baker, Able | Faculty Member

[QR](#)

Publications in VIVO
1 total 1

[Co-author Network](#)

[Map of Science](#)

Publications in VIVO
1 total 1

[Co-author Network](#)

[Map of Science](#)

Publications | Background | Contact | View All

Publications ↑

selected publications

academic article
[Baloney](#). *Delicatessen*.

Background ↑

awards and honors

[Blue Cross](#), conferred by [The Blue Cross Organization](#)

Contact ↑

full name

Able Baker

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In general, it makes sense to partition all of a property into faux properties. Then the base property is set to be invisible (except to the root user), and the faux properties display the desired information.

What do you need to know?

How to follow the GUI for faux properties.

Getting started

VIVO comes with a default set of faux properties. You can edit them to suit your display requirements, or make more extensive modifications.

Creating a faux property

First, navigate to the control panel for the object property you want to create a faux property for. The control panel can be accessed by clicking **Object Property Hierarchy** on the Site Administration Page, then clicking on an object property, i.e. related by. The Create New Faux Property button can be found next to a list of that property's existing faux properties.

The screenshot shows a control panel for an object property. At the top, it says "publish level (unspecified)". Below this are several green buttons: "Root Properties", "Edit Property Record", "Add New Child Property", "See All Properties", "Add New Property", "Show Hierarchy below This Property", "Change URI", "Show Classes With a Restriction on This Property", "Move Statements to Different Property", "Go to Inverse Property", and "Show Examples of Statements Using This Property". There is also a range selector "from 1 to 50". Below the buttons is a list of faux properties, each with a domain and range. A red arrow points to a "Create New Faux Property" button on the right side of the list.

publish level (unspecified)

Root Properties Edit Property Record Add New Child Property

See All Properties Add New Property

Show Hierarchy below This Property Change URI

Show Classes With a Restriction on This Property Move Statements to Different Property

from 1 to 50 Go to Inverse Property

Show Examples of Statements Using This Property

[authors](#) domain: Information Content Entity, range: Authorship
[awards_and_honors](#) domain: Person, range: Award or Honor Receipt
[awards_and_honors_received](#) domain: Organization, range: Award or Honor Receipt
[credential_of](#) domain: Credential, range: Issued Credential
[credentials](#) domain: Person, range: Issued Credential
[editor_of](#) domain: Person, range: Editorship
[editors](#) domain: Information Content Entity, range: Editorship
[people](#) domain: Organization, range: Position
[positions](#) domain: Person, range: Position
[receipts](#) domain: Award or Honor, range: Award or Honor Receipt
[selected_publications](#) domain: Organization, range: Authorship
[selected_publications](#) domain: Person, range: Authorship

Create New Faux Property

Editing a faux property

There are several ways to navigate to the Faux Property Editing Form. Perhaps the most common way is to show the profile page for an individual, and turn on **verbose property display**.

The screenshot shows a user profile for 'Baker, Able'. At the top right, there is a toggle for 'Verbose property display is off' with a green 'Turn on' button circled in red. Below the profile name, there is a 'Preferred Title' of 'Faculty Member'. A large blue arrow points down to a 'Positions' section. The 'Positions' section contains a text box with the following text: 'positions is a faux property of vivo:relatedBy (object property); order in group: 40; display level: all users, including public; update level: all users who can log in; publish level: all users, including public'.

In this example, we see that `positions` is a faux property of `vivo:relatedBy`. If you click on the link for `positions`, you will see the Faux Property Editing Form for `positions`. On the other hand, if you click the link for `vivo:relatedBy`, you will see the Object Property Editing Form for `vivo:relatedBy`. In addition to the parameters for `vivo:relatedBy`, you will also see links to each of the faux properties that are based on it:

The screenshot shows a list of faux properties with their domain and range. A green button labeled 'Create New Faux Property' is located at the top right of the list.

- [authors](#) domain: Information Content Entity, range: Authorship
- [awards_and_honors](#) domain: Person, range: Award or Honor Receipt
- [awards_and_honors_received](#) domain: Organization, range: Award or Honor Receipt
- [credential_of](#) domain: Credential, range: Issued Credential
- [credentials](#) domain: Person, range: Issued Credential
- [editor_of](#) domain: Person, range: Editorship
- [editors](#) domain: Information Content Entity, range: Editorship
- [people](#) domain: Organization, range: Position
- [positions](#) domain: Person, range: Position
- [receipts](#) domain: Award or Honor, range: Award or Honor Receipt
- [selected_publications](#) domain: Organization, range: Authorship

From each of these pages, you can modify or delete the faux property that is displayed.

Alternatively, the Faux Property Editing form can be accessed by navigating to the Site Administration Page and clicking **Faux Property Listing**. This will display the complete list of faux properties. Click the title to access the editing form for that faux property.

Note: Faux property custom list views are configured in the Faux Property Editing form, rather than as documented in [Custom List View Configuration](#) for ontology properties.