
OCCI Registries

Extensibility of OCCI relies heavily on registries, which allow the working group to initially specify the minimum required functionality based on existing implementations while also catering for future evolution.

Implementors who wish to extend the specification can do so by way of a process TBD in which their request is assessed within a fixed time frame of 7-30 days. If the request is found to be useful for interoperability then it will be accepted and entered into the registry.

If rejected the implementor can still use custom extensions which will be preserved but otherwise ignored by other implementations which do not understand them.

Tip

This document seeds the registries which are to be hosted in an editable medium such as a database, spreadsheet or wiki.

Core

Common Attributes

Table 1. Common Attributes

Attribute	Description	Example
<code>occi.id</code>	Immutable identifier for the resource	<code>urn:uuid:d0e9f0d0-f62d-4f28-bc90-23b0bd871770</code>
<code>occi.title</code>	Display name for the resource	Compute Resource #123
<code>occi.summary</code>	Description of the resource	A virtual compute resource
<code>occi.version</code>	Specification version	1.0

Link Relations

Table 2. Link Relations

Relation	Description
<code>category (http://purl.org/oc-ci/rel#category)</code>	A category mapping whereby: <ul style="list-style-type: none">• The scheme is required and indicated by the href attribute.• The label is optional and indicated by the title attribute.• The term is required and indicated by the term extended attribute.
<code>collection (http://purl.org/oc-ci/rel#collection)</code>	A related collection whereby: <ul style="list-style-type: none">• The root of the collection is indicated by the href attribute.

Relation	Description
	<ul style="list-style-type: none"> The <i>kind</i> of the collection is indicated by the <i>kind</i> extended attribute.
first	“An IRI that refers to the furthest preceding resource in a series of resources.” [??]
help	“The referenced document provides further help information for the page as a whole.” [??]
icon	“The specified resource is an icon representing the page or site, and should be used by the user agent when representing the page in the user interface.” [??]
last	“An IRI that refers to the furthest following resource in a series of resources.” [??]
next	“A URI that refers to the immediately following document in a series of documents.” [??]
previous	“A URI that refers to the immediately preceding document in a series of documents.” [??]
search	“The referenced document provides an interface specifically for searching the document and its related resources.” [??, ??]
self	“Identifies a resource equivalent to the containing element” [??]