
OCCI Tasks Extension

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Overview

Asynchronous operations ("tasks") immediately return HTTP 202 `Accepted` with a `Location:` header pointing to a simple task [sub]resource. This allows tasks to be monitored (GET), updated (PUT) and canceled (DELETE). Completed tasks *may* be deleted immediately, after a reasonable period of time (allowing clients to retrieve status) or retained indefinitely for audit purposes.

The collection of tasks for a given resource (including the entry-point itself for global tasks) is advertised under the `http://purl.org/occi#tasks` link relation and new tasks should be submitted via HTTP POST to the supplied href.

Table 1. Task Attributes

Attribute	Type	Description
<code>task.type</code>	Token	Task type (e.g. backup)
<code>task.sub-type</code>	Token	Task sub-type (e.g. incremental)
<code>task.schedule[i]</code>	String	Task schedule (e.g. "every Friday at 21:00")

Bibliography

Normative References

Informative References