OCCI Platform

The OCCI Platform specification defines kinds and extensions relating to management of cloud platform services (PaaS).

Table 1. Common Attributes

Attribute	Type	Description
`occi.platform.version`	Float (e.g. 1.0)	Version of the OCCI Platform specification

Kinds

Cloud platform services can be modeled using the following primary kinds:

Table 2. Kinds

Kind	URI	Description
`queue`	`http://purl.org/ occi/kind/queue`	An ordered list of tasks or messages
`database`	`http://purl.org/ occi/kind/database`	An organised body of related information

Queue

A queue manages an ordered list of tasks or messages for transmission and/or processing.

Table 3. Queue Attributes

Attribute	Type	Description
`occi.queue.policy`	Enum (fifo, filo)	Status of the compute resource

Database

A database manages an organised body of related information.

Table 4. Database Attributes

Attribute	Type	Description
`occi.database.size`	Float (10^9 bytes)	Database size in gigabytes (e.g. `10`, `0.5`)

Extensions

Various extensions provide for more advanced management functionality such as billing, monitoring and reporting.

Bibliography

Normative References

Informative References

[Wikipedia]   *Wikipedia: Queue   (data   structure).*   `http://en.wikipedia.org/`
        `wiki/Queue_%28data_structure%29`   `[http://en.wikipedia.org/wi-`
        `ki/List_of_device_bandwidths]`..