
OCCI Text Format

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Overview

Text is the simplest possible rendering, which is most useful for simple clients including:

- Manual manipulation by developers, system administrators, etc.
- Monitoring systems
- Scripts
- Scheduled cron jobs

It is served using the `text/occi` Internet media type.

Specification

The text rendering is based on the RFC2616 (HTTP) message-header type, which is the same generic format as that given in RFC2822.

It is identical to the generic-message type except that there is no start-line (Request-Line | Status-Line) and message-header fields required by HTTP are optional.

Web Categories [CATEGORY] and Web Linking [LINK] specifications are used for the meta-model.

ABNF

```
occi-collection = *( occli-resource CRLF )
occli-resource  = *( message-header CRLF )
message-header  = field-name ":" [ field-value ]
field-name      = token
field-value     = *( field-content | LWS )
field-content   = <the OCTETs making up the field-value
                  and consisting of either *TEXT or combinations
                  of token, separators, and quoted-string>
```

Example

```
OCCI-Id: urn:uuid:d0e9f0d0-f62d-4f28-bc90-23b0bd871770
OCCI-Title: Compute Resource #123
OCCI-Summary: A virtual compute resource
OCCI-Author-Name: John Citizen
OCCI-Updated: 2009-12-31T12:59:59Z
ETag: "dad86c61eea237932f"
Category: compute;
  scheme="http://purl.org/occi/kind/";
  label="Compute Resource"
Link: <http://example.com/products/1234>;
  rel="alternate";
  title="Alternate representation"

OCCI-Id: urn:uuid:c9524696-39de-43fe-a662-4d32e74c8ad2
```

...

Bibliography

Normative References

- [RFC2616] *RFC 2616 - Hypertext Transfer Protocol -- HTTP/1.1*. <http://tools.ietf.org/html/rfc2616>. Internet Engineering Task Force (IETF) 1999-06.
- [RFC2822] *RFC 2822 - Internet Message Format*. <http://tools.ietf.org/html/rfc2822>. Internet Engineering Task Force (IETF) 2001-04.

Informative References

- [CATEGORY] *Web Categories*. <http://tools.ietf.org/html/draft-johnston-http-category-header>. Internet Engineering Task Force (IETF) Sam Johnston. 2009-07-1.
- [LINK] *Web Linking*. <http://tools.ietf.org/html/draft-nottingham-http-link-header>. Internet Engineering Task Force (IETF) Mark Nottingham. 2009-07-12.
- [HTML5-article] *Designing a great HTTP API - why heavyweight XML is not the answer*. <http://www.elastichosts.com/blog/2009/01/01/designing-a-great-http-api/> [<http://www.smashingmagazine.com/2009/07/29/misunderstanding-markup-xhtml-2-comic-strip/>]. 2009-01-01.