Review OSLC Core

**Resource preview 3.0**

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html>

Abstract: not clear “…render links with more appropriate icons and labels..”

Section 1: typo

A client can display a preview differently**. H**owever, depending on the kind of application, the size of the screen, and the capabilities of the device**, a** desktop application on a PC might handle previews differently than a mobile application running on a small touchscreen.

However, a client may wish to display a preview differently depending on the kind of application, the size of the screen, and the capabilities of the device. For example, a desktop application on a PC might handle previews differently than a mobile application running on a small touchscreen.

Section 2:

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-RFC2119> : link is not working point to <https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html>

Section 3:

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-OSLCCore3>

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-LDP>

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-WEBARCH>

<https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-HTTP11>

Links are not working.

Section 4 :

To enable previews of a resource, servers supply an associated Compact resource describing the preview. The Compact resource can contain a link label, icon, and small and/or large previews of the resource. Compact resources always have a JSON representation [[*RFC4627*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-RFC4627)], but they can also have other representations such as [XML](http://open-services.net/bin/view/Main/OslcCoreUiPreview#XML_Representation_Format), T urtle [[*turtle*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-turtle)] or JSON-LD [[*JSON-LD*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-JSON-LD)]. Here is a simple example of a Compact resource:

The URI of the Compact resource is found through an HTTP Link header [[*RFC5988*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-RFC5988)] in HTTP responses to the resource URI

Section 5.1

This section has 3 sub paragraphs.

The first one starts with Accept Header 🡪 Is deprecated

The second one is OK

The 3 one is a must:

Section 5.1.3:

Clients can request a Compact resource by making an HTTP GET request to the target resource's URI using the return=representation preference of the HTTP Prefer request header [[*RFC7240*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-RFC7240)] and include parameter [[*LDP*](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html#bib-LDP)] value http://open-services.net/ns/core#PreferCompact. Servers supporting resource preview must support this method of discovery for resources with RDF or JSON representations.

Would it be more convenient and easy to read to re-arrange the whole section the other way around:

This returns a Compact resource with Content-Type: application/x-oslc-compact+xml as defined in [*[OSLCUIPreview20](https://tools.oasis-open.org/version-control/svn/oslc-core/trunk/specs/resource-preview.html%22%20%5Cl%20%22bib-OSLCUIPreview20)*].

Section 5.1.3

Services may include a JSON-LD context in an application/json response. Clients who prefer RDF should request text/turtle or application/ld+json using the HTTP Accept request header, rather than application/json.

Section 6.5

The Client should not attempt to prefetch a Compact representation just to have the preview URIs in hand so that the hover can come up faster. There is a low chance that the user will make a gesture that would call for the display of a small preview. It would generally be a poor trade-off to increase overall system load just to decrease UI latency for low probability eventualities.

Section 6.6

It is very similar to 6.5 and it does not say if there is a shorter mechanism to get the large preview (when it exists) over the small preview.