Disposition: Closed, No Change

OMG Issue No: SBVR 15-30

*Legacy Issue Number:* 19677

Title: SBVR should cover the concept of IRI as well as\_instead of URI

Source:

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Summary:

SBVR should cover the concept of IRI as well as/instead of URI.

Resolution:

***[summarizing an email discussion with Pete, dated 13 March 2019]***

TheW3C IRI working group met its demise in 2014. In its place the WAHTWG working group, which is not a W3 standards group but a pragmatic group of browser developers (<https://whatwg.org/faq>) is currently the focus of world-wide URL/IRI-related development effort. Their URL standard development effort (<http://url.spec.whatwg.org/>) takes the following approach towards making URLs fully interoperable:

* Align RFC 3986 and RFC 3987 with contemporary implementations and obsolete them in the process. (E.g., spaces, other "illegal" code points, query encoding, equality, canonicalization, are all concepts not entirely shared, or defined.) URL parsing needs to become as solid as HTML parsing. [RFC3986] [RFC3987]
* Standardize on the term URL. URI and IRI are just confusing. In practice a single algorithm is used for both so keeping them distinct is not helping anyone. URL also easily wins the search result popularity contest.
* Supplanting Origin of a URI [sic]. [RFC6454]
* Define URL’s existing JavaScript API in full detail and add enhancements to make it easier to work with. Add a new URL object as well for URL manipulation without usage of HTML elements. (Useful for JavaScript worker environments.)
* Ensure the combination of parser, serializer, and API guarantee idempotence. For example, a nonfailure result of a parse-then-serialize operation will not change with any further parse-then-serialize operations applied to it. Similarly, manipulating a non-failure result through the API will not change from applying any number of serialize-then-parse operations to it.

Since the URL/IRI standard is so very much up in the air, there is no sound basis for changing the SBVR specification at this time, with the caveat that a new issue would only be warranted when the “URL spec” is adopted by the relevant W3C standards – in this case XML (Schema) and Semantic Web (RDF for want of a specific spec).

Revised Text:

None.

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