

Supplement 183

PS3.18 Re-Documentation

Developed in accordance with work item 2014-04-A.

Rationale for Re-Documentation

The different Section of Part 18 were developed over a long period and Web terminology and standards have evolved significantly during that time.

This supplement aims to:

- Standardize the terminology,
- Conform to the latest revision of HTTP/1.1 and HTTP/2
- Structure the different services and transactions in a similar manner, and
- Improved accessibility for Web Services developers with expertise in HTTP, but who may not be familiar with the DICOM Standard

The most important aspect of the re-documentation is that no semantic content of the Standard should be changed. Errors, ambiguities, and underspecified aspects of the existing standard have been corrected through the CP process prior to the finalization of this supplement.

Goals

The goals of this rewrite are:

- Bring the Standard into conformance with the latest Web Standards, especially [RFC7230 – 7234], and [RFC3986 – 3987]
- Use the Augmented Backus-Naur Form (ABNF) defined in [RFC5234] and [RFC7405] to specify message syntax
- Use standard HTTP terminology
- Standardize the format for documenting services and transactions.
- Clarify ambiguities and underspecified aspects of the Standard using the CP process.
- Re-Organize the Sections to conform to the ISO format.