

New Data (Infra)Structure Documentation/Governance

Perspectives from E. Dupont (NEA)

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Goals

- From the SG38 nomination letter: *“Ensure that the new data storage system (and new evaluations that use the system) are properly documented”*
- Short-term (within SG38 mandate): Provide documentation for
 - New data structure (+ format and procedure)
 - New infrastructure (i.e. related tools)
 - (New data storage system ⇒ Evaluation Projects’ responsibility)
- Longer-term (by the end of SG38): Propose a framework to
 - Discuss/approve updates of the structure/format/procedure
 - Discuss/approve updates of the infrastructure (?)
 - Update/release the associated documentation (and related tools?)

Short-term Tasks: Documentation

- Within SG38 mandate: Teams should release Documentation for
 - Low-level data containers
 - ⇒ by May 2014 (1st draft) / Nov. 2014 (release)
 - Reaction data hierarchy
 - ⇒ by May 2014 (1st draft) / May 2015 (release)
 - Particle data hierarchy
 - ⇒ by May 2014 (1st draft) / May 2015 (release)
 - Infrastructure (incl. API and Q&A)
 - ⇒ by May 2015 (1st draft) / Nov. 2015 (release)
- Full Documentation by the end of SG38
 - Defining doc. guidelines for SG38 teams ⇒ by Nov. 2013
 - Intermediate releases for review ⇒ by May 2014 / May 2015
 - Final release ⇒ May 2015 (structure) / Nov. 2015 (infrastructure)

Short-term Tasks: Documentation

- Defining guidelines, some proposals,
 - SG38 teams should focus on contents...
 - Any format should be accepted, e.g. Word, Latex... (+PDF)
 - However, all docs should comply with a few guidelines to
 - Ensure a consistent structure through the documentation
 - Ensure consistency between different chapters
 - Use the same nomenclature
 - Etc. (\Rightarrow to be defined by Nov. 2013)
- Options to manage the documentation
 - By hand (using a simple directory-structured repository)
 - Using a sub-versioning collaborative environment, e.g. G-Forge
 - Using a documentation-oriented collaborative environment, e.g. Confluence

Short-term Tasks: Documentation

Resources needed to manage the documentation

- By hand (using a simple directory-structured repository)
 - No/Little IT resources, but sub-versioning by hand
 - Secretariat resources for copy/editing
 - Documentation limited to one format (+PDF)
- Using a sub-versioning collaborative environment, e.g. G-Forge
 - Some IT resources required to install G-Forge (except for BNL)
 - Sub-versioning included in the G-Forge environment
 - Secretariat resources for copy/editing
 - Documentation limited to one format (+PDF)
- Using a doc.-oriented collaborative environment, e.g. Confluence
 - Some IT resources required (unless we use the cloud option)
 - Secretariat resources still needed (teams will focus on contents)
 - Documentation in several formats (HTML, Word, PDF...)

Longer-term: Governance

- By the end of its mandate SG38 should propose,
 - A governance model to manage the new data (infra)structure and associated documentation, i.e.
 - Discuss/approve updates of the structure/format/procedure
 - Discuss/approve updates of the infrastructure (?)
 - Update/release the associated documentation (and related tools?)
 - An international framework to implement this model
- This framework can be a WPEC Subgroup
 - “Long-term” Subgroup (i.e. renewable mandate), as SG-C (HPRL)
 - Representatives from all evaluation projects + end-users
 - Secretariat support will be provided by NEA within WPEC
 - Some IT support may be provided by NEA Data Bank (TBC)

Thank you for your attention