

Time Domain Interest Group - closing remarks -

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With the valuable help of Janet Evans (HE)
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Malta IVOA Interop - November 2024

VOEvent additional session (TD + HE + CSP)

Very fruitful discussions

Three points on the desk

1. Transport protocol -> VTP
2. Record schema (What, Where, When...)
3. Serialization (XML vs. JSON)

Several actions were identified

- Completing VOEvent 2.1 standardisation as is
=> few adjustments : see TCG comments, remove traces of the VTP (protocol) in the document
- Write an Endorsed Note for adding the JSON serialization
(cf IVOA note 2017 => VOEvent Update: JSON and data models – Roy W. et al.)
- Discourage the usage of VTP / consider as deprecated
- Points of attention:
 - Insure the discoverability with the registry
 - Ensuring event history (e.g. streaming all events into tables)
 - Rubin:
 - Review Rubin brokers presentations from May '24 Interop
 - Check compatibility with Rubin
 - Getting in touch with the brokers (EU vs other)
- Schema evolution (VOEvent 3.0?):
 - Need to take into account the need of the GW community to include the MOC/localization probability map
 - Investigate the specialization of the schema for specific use cases/projects
 - Communicate with GCN about their proposed schema: can GCN reverse back?