WD-DALI-1.1

- updates since May 2016
 - polygon: counter-clockwise
 - timestamp: allow timezone indicator Z when value is a civil time
 - region xtype dropped
- done

- updates since May Interop
 - removed mapping table; refer to DALI xtypes
 - strongly recommend that /availability and /capabilities allow anonymous access
 - require?
 - relax restrictions on (column) names
 - clarify that services must support quoted identifiers

- proposal: require that services support
 PHASE=RUN in the job creation POST
 - immediate PENDING to QUEUED
- UWS mentions it
 - not applicable to all possible services, so in scope for TAP?
- do we require that services sensibly allow the normal 2-post create + execute?

- proposal: add xtype column to tap_schema.columns
 - put VOTable type in datatype
 - can use VOTable types in VOSI-tables output
 - could deprecate TAPType in VODataService
 - simple & direct tap_schema <-> VOTable mapping
 - what about ADQL types? e.g. CLOB

note: we already added a column to this table for TAP-1.1

- proposal: add column value statistics to the tap_schema
 - min/max, fill
 - median, quartiles
 - histograms
- CADC service has aggregate tables for enumerated values
 - pre-computed GROUP BY