

Data Access Layer

closing plenary – Heidelberg 2013

- Patrick Dowler (chair)
- Mike Fitzpatrick (vice chair)

DataLink

- WD-DataLink-1.0 in June 2013
 - agreement on all issues
 - current notes will be merged into WD
 - DAL-WG review: July 2013
- PR-DataLink-1.0 in August 2013
 - RFC period: August–September (6 weeks)
 - TCG review: October 2013
- REC-DataLink-1.0: late 2013

STC-S

- since the Urbana interop, DAL is charged with making this a recommended standard
- WD-STCS-1.0: July 2013
 - implementations
 - DAL-WG review: October 2013, after Hawaii
- PR-STCS-1.0: October 2013
 - RFC period: November 2013
 - TCG review: January 2014
- REC-STCS-1.0: March 2014

CSP: Time Domain

- identified basic discovery and access requirements
 - discoverable in TAP+ObsCore
 - prototyped with SSA-1.1-like service
 - need a new standardID for registry search
- goal: a small standard that references
 - SSA-1.1 (for service spec)
 - SimpleTimeSeriesDM-1.0 (for utypes)
 - probably no new parameters

WD-TSA-1.0: authors from TDIG and DAL

CSP: Data Cubes

- identified capabilities, further refined and prioritised by the users representatives
 - discover archival cubes
 - selection & download of complete cubes
 - extract subsection of cube
 - sum (or avg?) along one or more axes
 - re-bin in one or more axes
 - multiply by a function (scaling, non-constant)
 - other operations...

CSP: Data Cubes

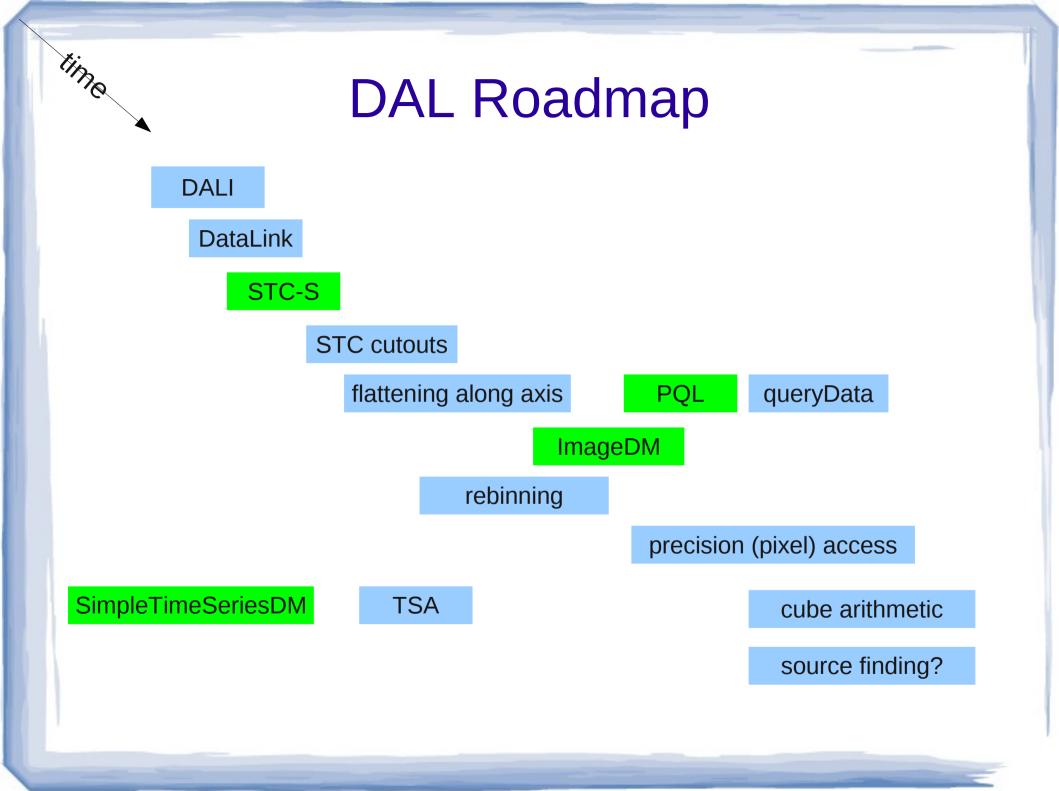
next steps: rough draft of required capabilities

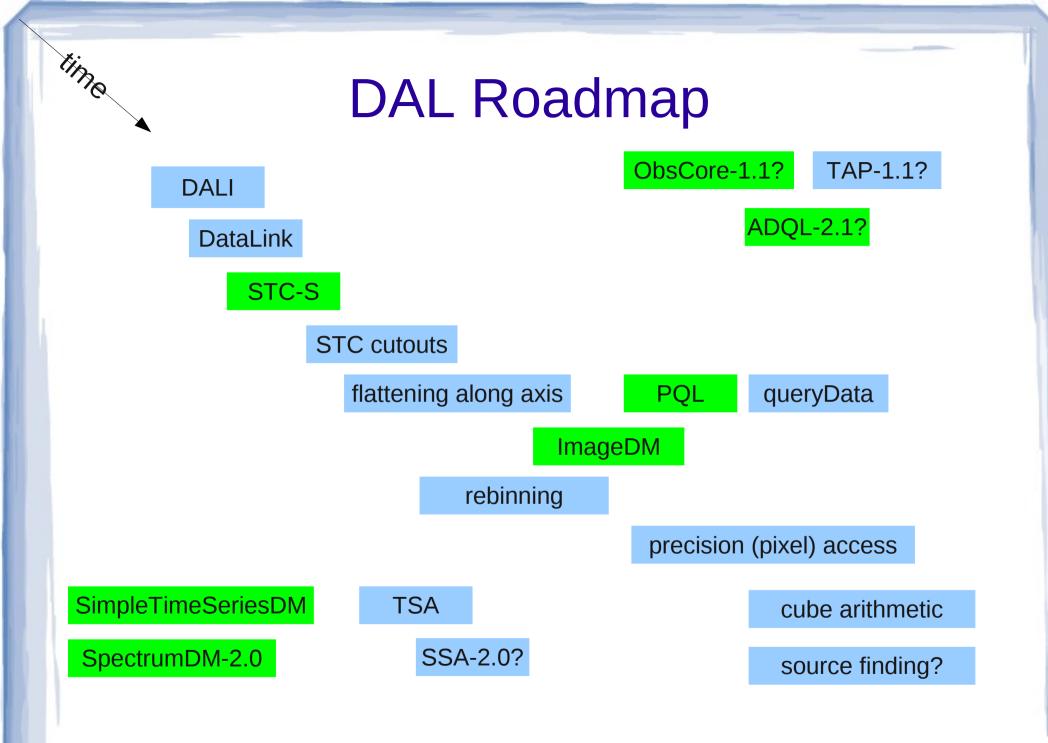
- telecons + mailing list discuss (June)
- draft on mailing list, starting in June 2013
- implementations at several sites: summer 2013

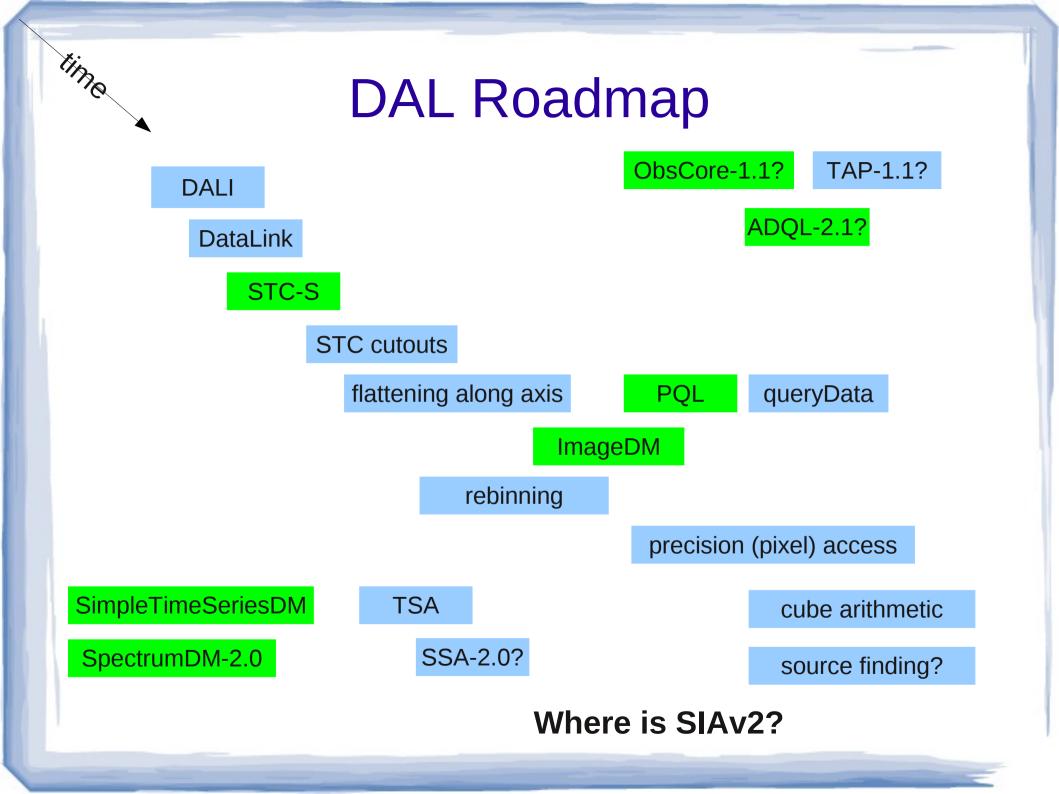
• informed discussions & decisions @Hawaii

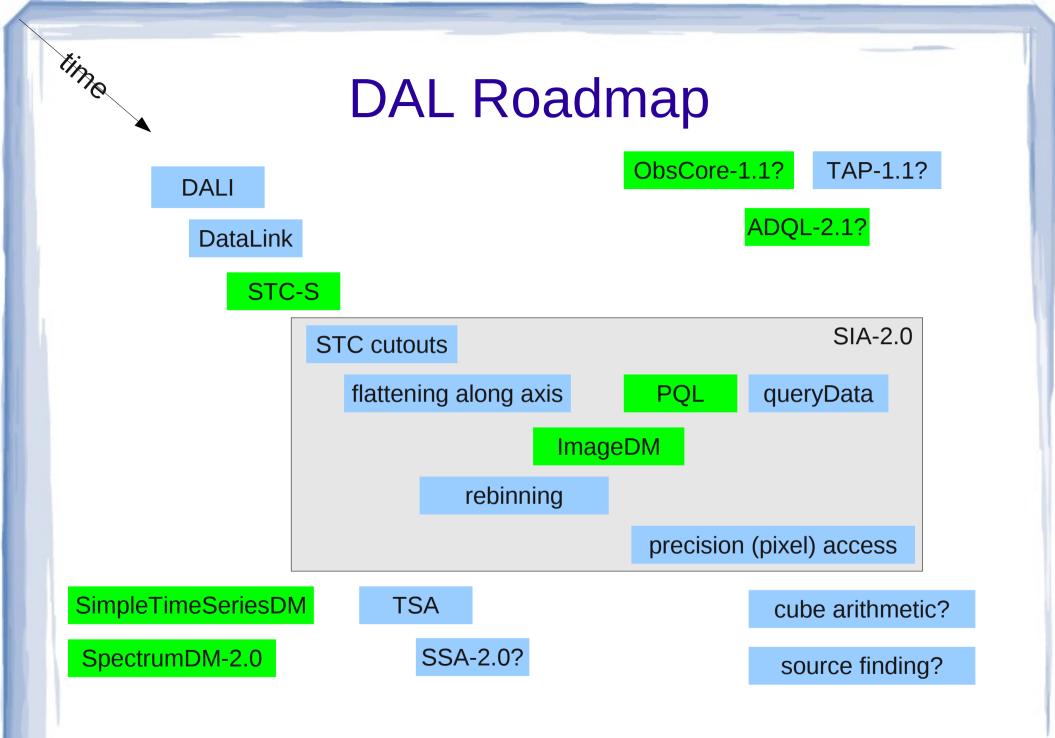
• determine required WD documents at this time











"rough consensus and working code"

 Thank-you to Mike Fitzpatrick for his support and insight over the past 3 years