

# 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

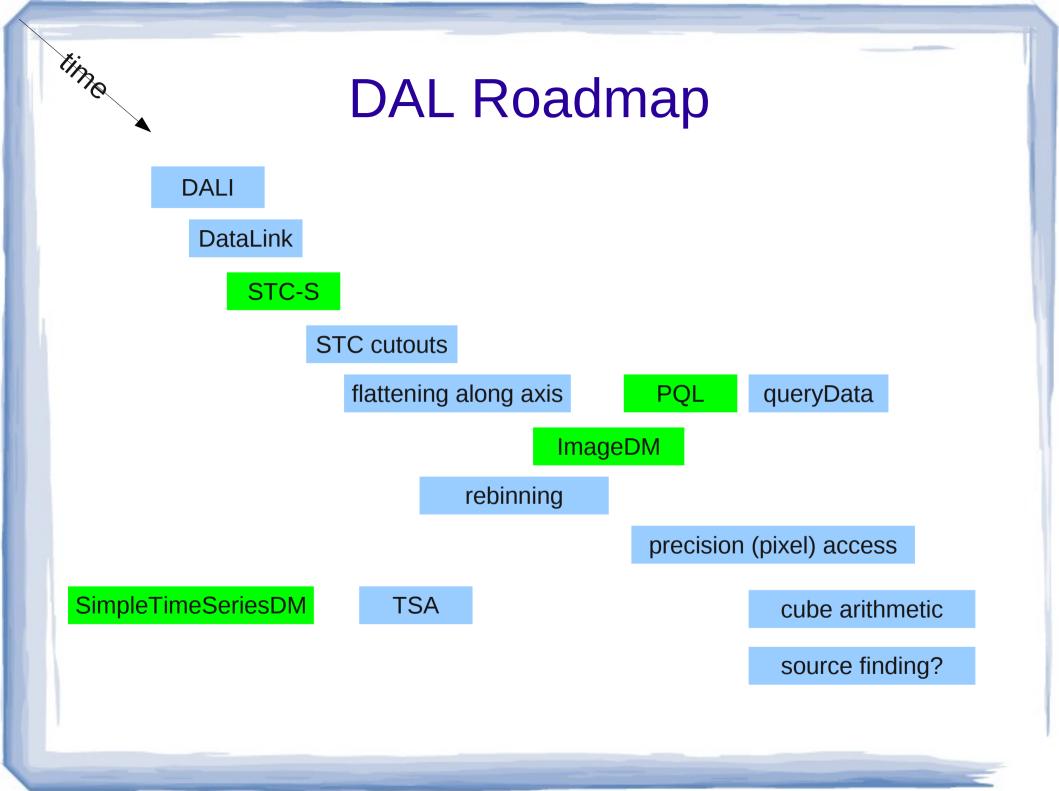
next steps: rough draft of required capabilities

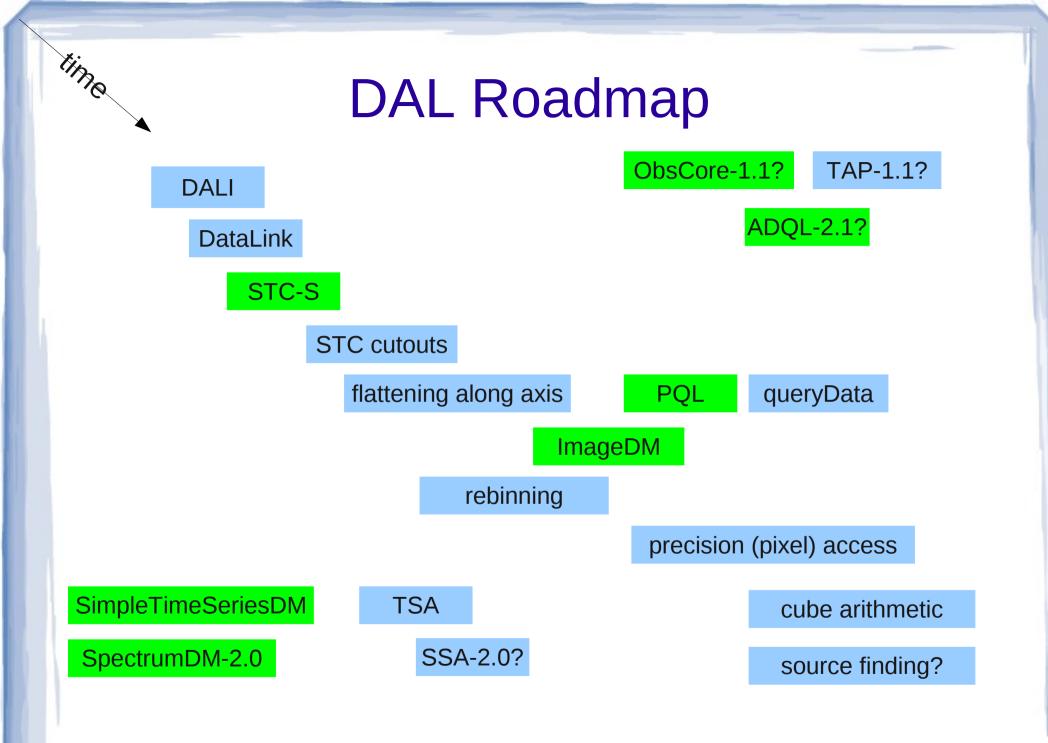
- telecons + mailing list discuss (June)
- draft on mailing list, starting in June 2013
- implementations at several sites: summer 2013

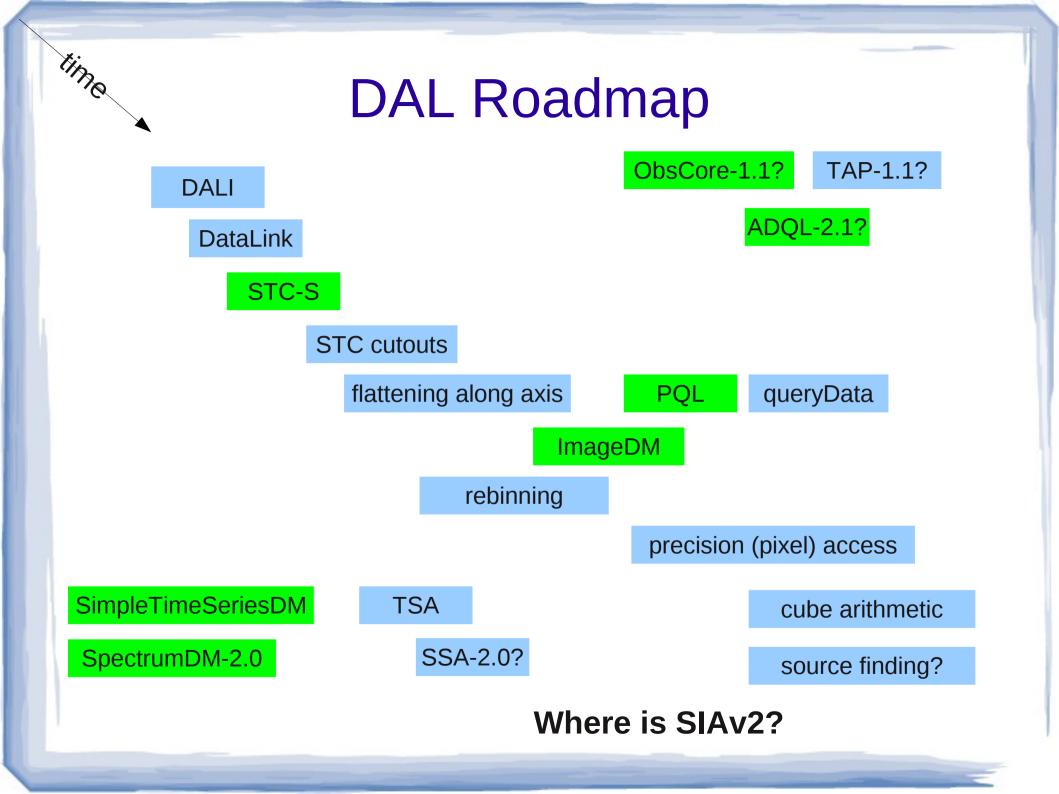
• informed discussions & decisions @Hawaii

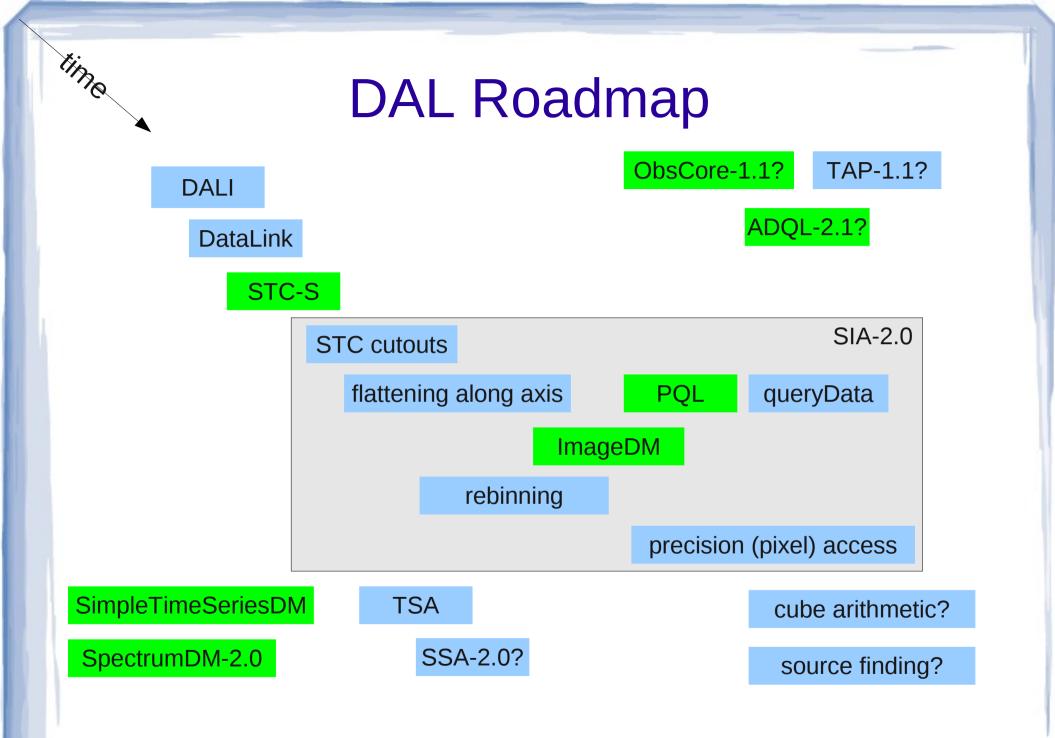
• determine required WD documents at this time











"rough consensus and working code"

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