Data Model Working Group

Closing Session

Chair: Mark Cresitello-Dittmar
Vice-Chair: Laurent Michel

Session Summary - DM1

- VO-DML
  - A lot of activity
  - Implementations (DS, STC2, 'Sample', etc)
    - Interoperable
  - Work to be done on user experience
    - “How to” note(s)
  - Otherwise ready for PR

Session Summary – DM1 (cont)

- VO-DML Mapping to VOTable
  - Documentation in progress
  - Active prototyping efforts evaluating serialization strategy.
    - possibly vs alternates
  - High priority for Trieste
    - Planning focus meeting in June

Session Summary – DM1 (cont)

- Dataset Metadata
  - Model in good shape
  - Implementations
    - Modeler implementation(s)
    - Need external 'use case' oriented impl.
  - Open topic: Identifier object – mail list
  - Some dependency on STC2

Session Summary – DM1 (cont)

- STC-2.0
  - Model has stabilized for broader WG review
  - WD draft delivered this week
  - Concern about scale and scope
    - focus team review (domain,model)
    - possibly break into component models
  - High priority item

Session Summary – DM1 (cont)

- Source DM
  - Preliminary work on model (Gaia based)
    - General model structure
    - vo-dml mapping prototype support
    - Moving toward vo-dml modeling
  - Other providers should be folded into scope of the model
  - Encourage participants to contribute

Session Summary – DM2

- ObsCore-1.1:
  - Open topic: dataproduct_type
    - (catalog/sourcelist/table)
  - RFC period ends May 15.
  - Example page: provides larger suite of examples to help users and implementers.

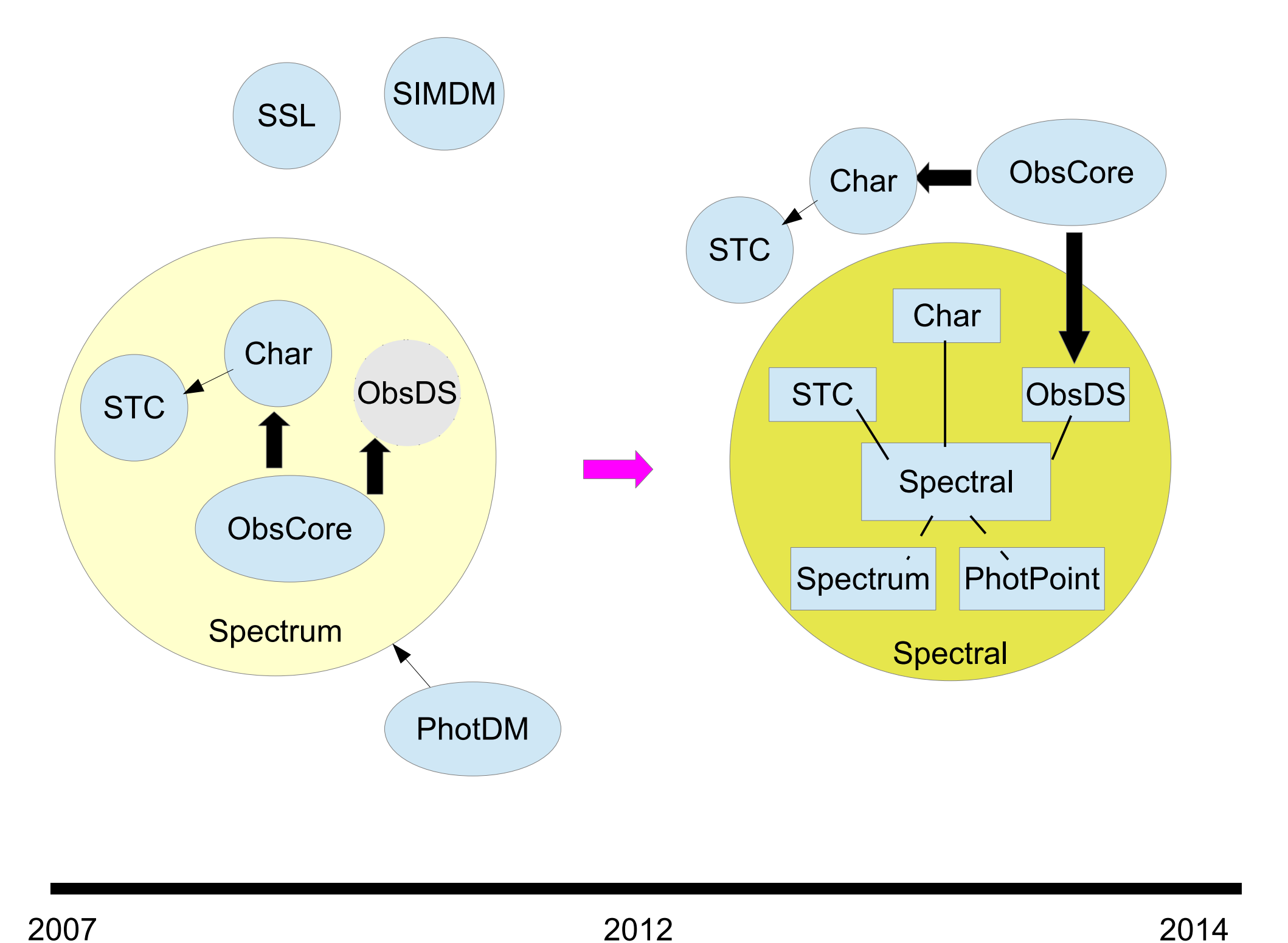
Session Summary – DM2

- Provenance
  - Use cases cover wide domain
    - Optical, Gamma-ray, Simulation
  - Derived from general framework (W3C)
    - Specialized for astronomy
    - considering existing models (SimDM, ObsCore, Dataset)
  - Implementations ahead of standard!

Remarks

- Implementation requirements
  - refining implementation reqs. for data models
    - Component models do not exercise full science use case
    - Currently applications/protocols need to be designed, implemented before any dependent model can be approved.
  - Discussion on DM mail list

Roadmap


SSL
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2007
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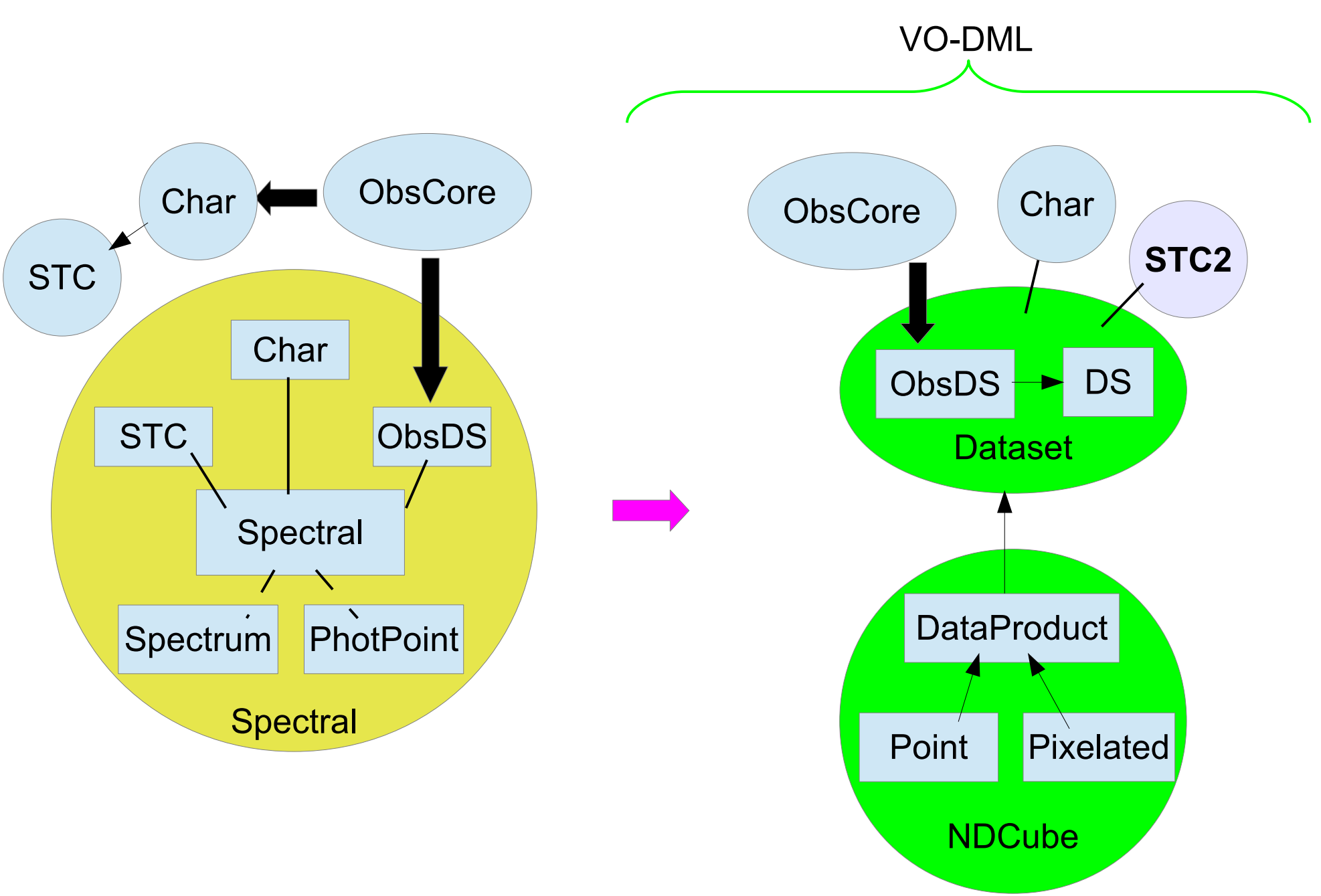
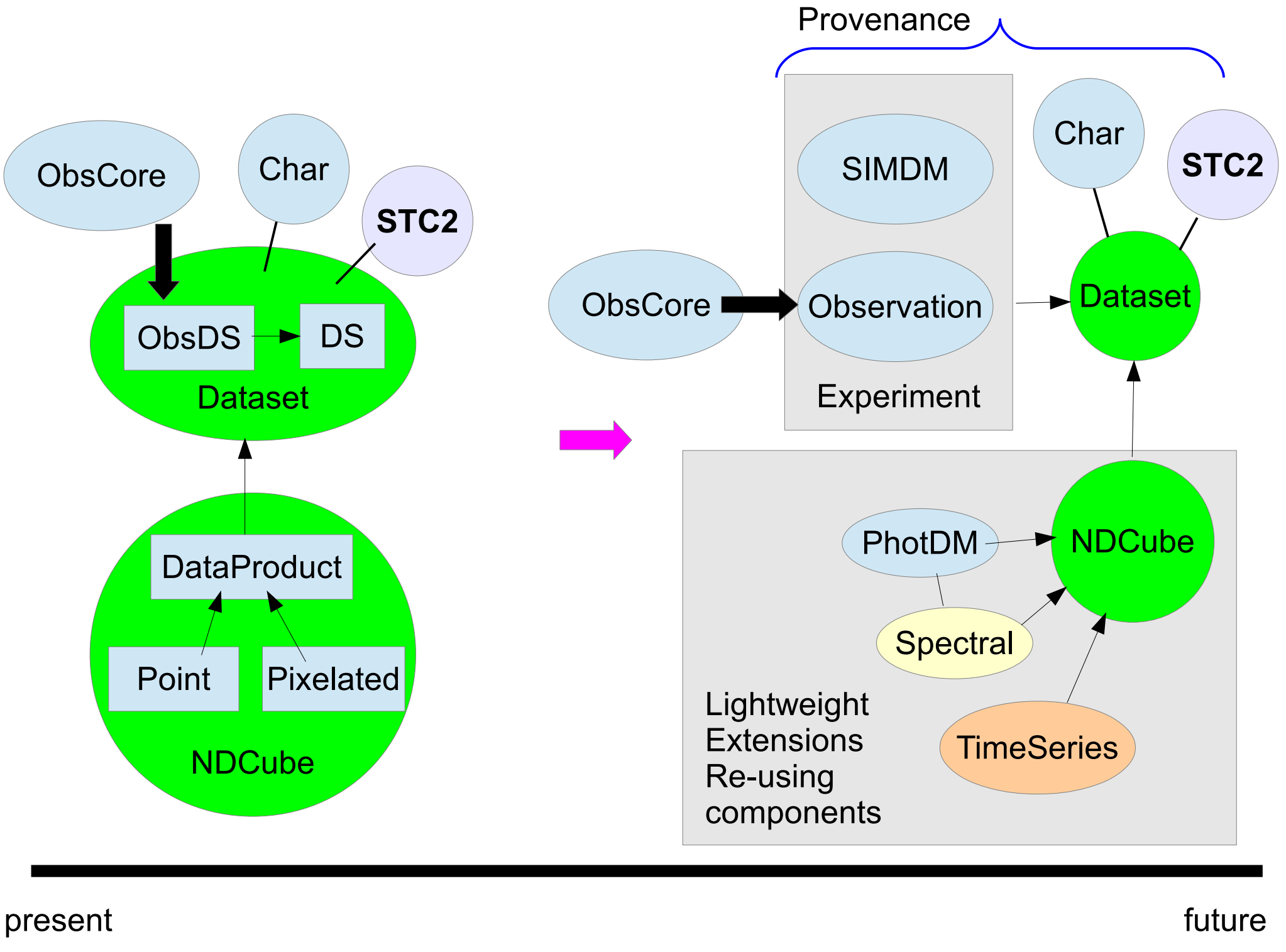


2014

present


ObsCore
Char
STC2
ObsDS
DS
Dataset
DataProduct
Point
Pixelated
NDCube
Provenance
SIMDM
Char
STC2
ObsCore
Observation
Dataset
Experiment
PhotDM
NDCube
Spectral
Lightweight
Extensions
Re-using
components
TimeSeries
present
future