International Virtual Observatory Alliance
Interoperability Workshop

INAF

VObs.it

Trieste 21-23 October 2016

Summary from the TCG

Trieste
2016-10-23

Matthew Graham and Pat Dowler
For the TCG

Status of PRs

TCG members are finishing approvals for new and updated standards:

- SimDAL 1.0   new!
- VTP-2.0   new!
- SimpleDALRegExt-1.1
- VOSI-1.1
- ObsCore-1.1
- SSO-2.0

IVOA Architecture Level 2

USERS

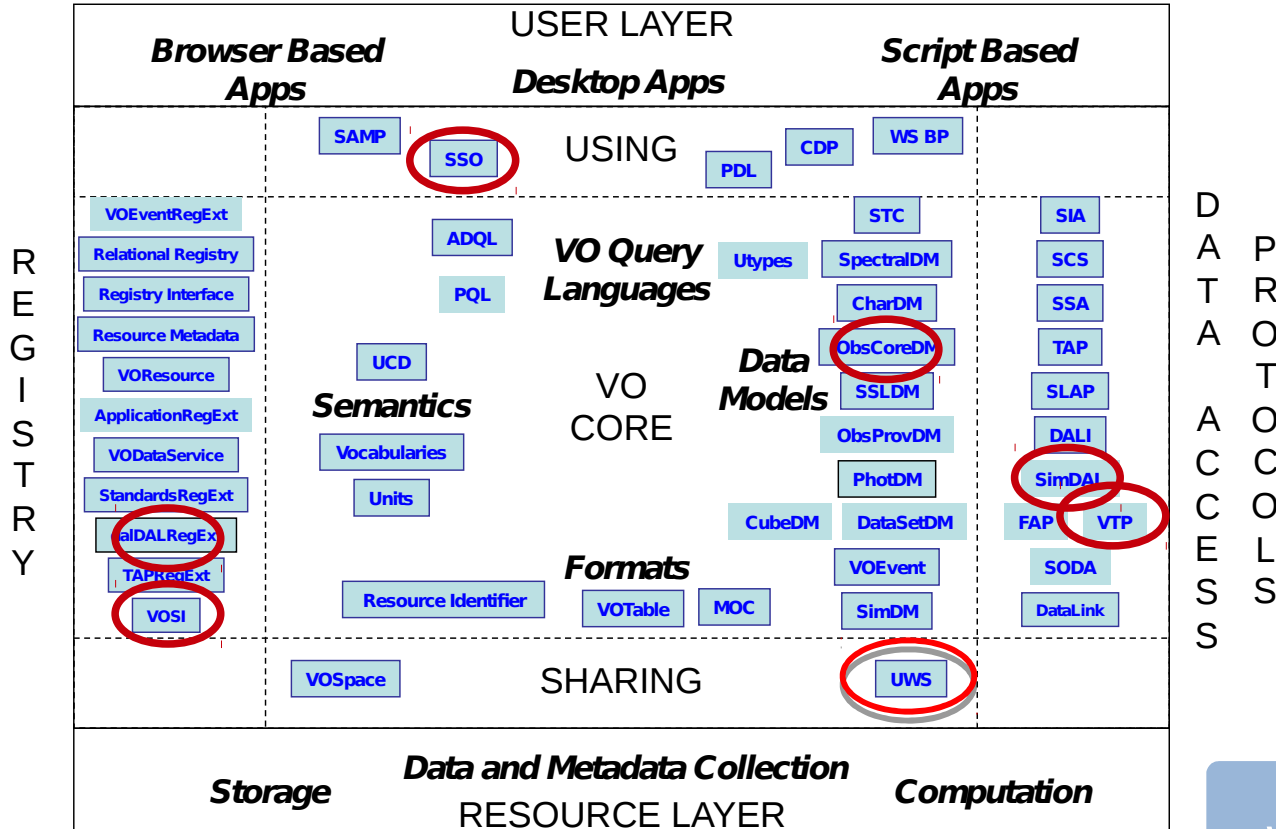**COMPUTERS**

LEVEL 2
All standards

REC

InProgress

USER LAYER

Browser Based Apps

Desktop Apps

Script Based Apps

USING

SAMP

SSO

CDP

WS BP

PDL

R E G I S T R Y

VOEventRegExt

Relational Registry

Registry Interface

Resource Metadata

VOResource

ApplicationRegExt

VODataService

StandardsRegExt

DALRegExt

TAPRegExt

VOSI

ADQL

PQL

UCD

Vocabularies

Units

VO Query Languages

Semantics

VO CORE

Formats

Resource Identifier

VOTable

MOC

Utypes

STC

SpectralDM

CharDM

ObsCoreDM

SSLDM

ObsProvDM

PhotDM

CubeDM

DataSetDM

VOEvent

SimDM

Data Models

SIA

SCS

SSA

TAP

SLAP

DALI

SimDAL

FAP

VTP

SODA

DataLink

D A T A   A C C E S S   P R O T O C O L S

VOSpace

SHARING

UWS

Data and Metadata Collection

Storage

Computation

RESOURCE LAYER

20160508
IVOA Architecture

PROVIDERS
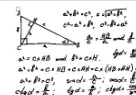
Updated with new standards

Matthew Graham and Pat Dowler – 3

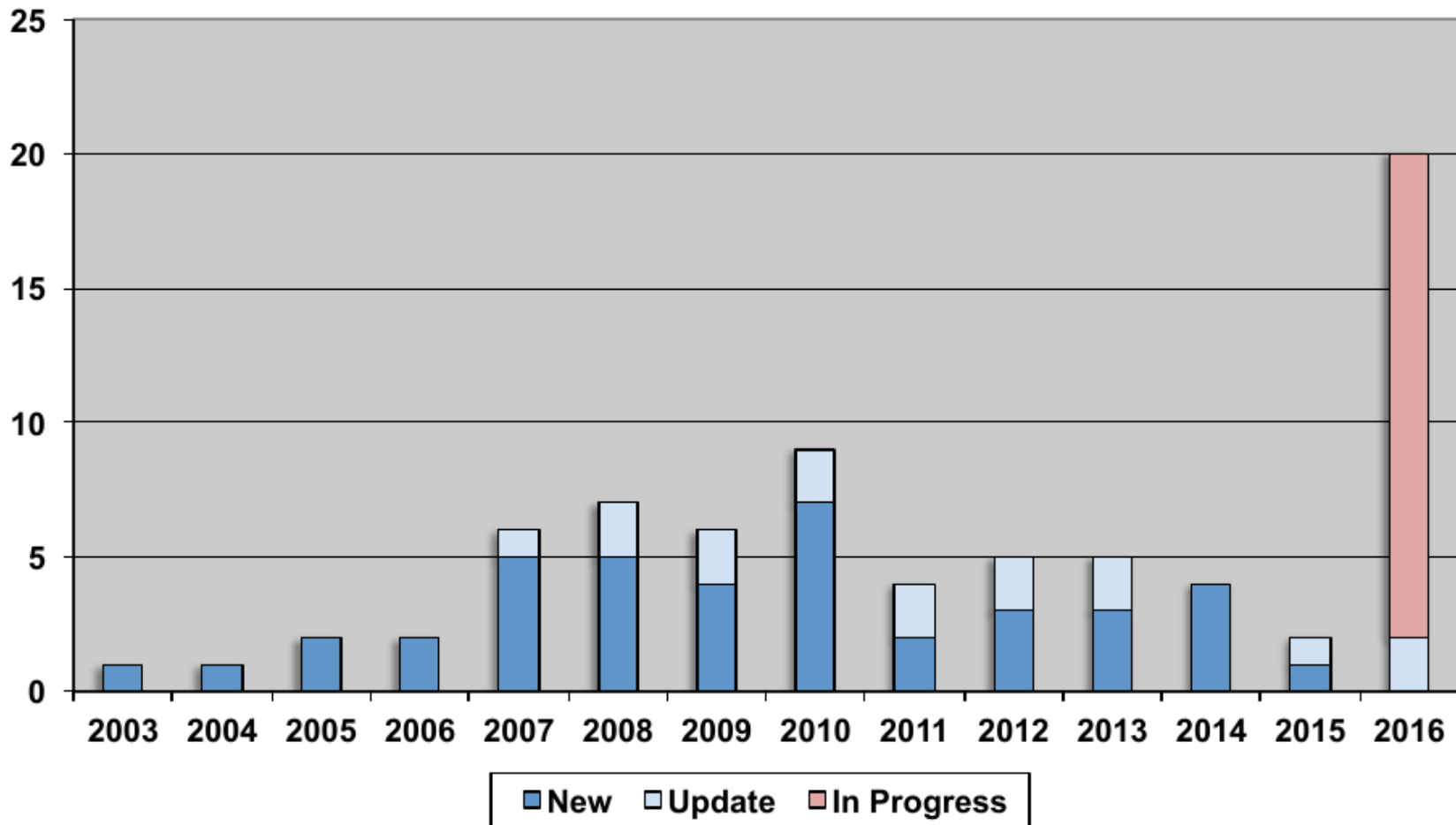# Status of PRs

RFC and TCG review of new and updated standards:

- ▸ DocStd 2.0   until 2016-11-05

- ▸ DALI-1.1   soon!
- ▸ SODA-1.0   until 2016-11-23

- ▸ VO-DML 1.0   until 2016-11-24

IVOA Standards Recommended per Year

Exec Endorsed Priorities

▸ Multi-dimensional data
  ▸ minimal requirements: DONE!
  ▸ additonal development: DM, GWS, DAL

Exec Endorsed Priorities

- ## Multi-dimensional data
  - minimal requirements: DONE!
  - additonal development: DM, GWS, DAL

- ## Time Domain data: requirements gathering (CSP)
  - face-to-face interactions with stakeholders in May 2017? or sooner? ASAP?
  - must establish minimal requirements to guide WG activities

Publishing Data in the VO

- All InterOp participants are invited to provide input
- TCG to maintain and review

- target CSP use cases here?

TWiki > ▊ IVOA Web > PublishingInTheVONew (2016-08-25, MarkTaylor)   Edit Attach

Publishing Data into the VO

↓ Publishing Data into the VO
  ↓ 0. Introduction
  ↓ 1. Questions & Answers about what type of data to be published into the VO
  ↓ 2. Registry for VO Data Service Discovery
  ↓ 3. Toolkits to publish data into the VO
  ↓ 4. Developer's corner : other useful software tools and libraries for VO development

0. Introduction

The purpose of this page is to provide practical information about how to publish you data holdings into the VO. The content of this page is user contributed by members of the IVOA community and its content will evolve as IVOA standards and implementations evolve.

Depending of your needs and your technical experience, there are several ways to publish you data into the VO:

http://wiki.ivoa.net/twiki/bin/view/IVOA/PublishingInTheVONew

IVOA Roadmap

- Roadmap page to be updated by WG/IG chairs after each InterOp.

- Links to the Roadmap on website footer

- Chairs: the 2016B Roadmap awaits!

TWiki > ⬜ IVOA Web > IvoaTCG > 2016BRoadmap (2016-10-15, MatthewGraham)

🔲 Edit   Attach

IVOA Roadmap for 2016B

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2016/17 between the Trieste and Shanghai Interops.

↓ IVOA Roadmap for 2016B
   ↓ Applications
   ↓ Data Access Layer
   ↓ Data Model
   ↓ Grid and Web Sevices
   ↓ Registry
   ↓ Semantics
   ↓ Data Curation & Preservation
   ↓ Education
   ↓ Knowledge Discovery in Databases
   ↓ Operations
   ↓ Theory
   ↓ Time Domain
   ↓ Standard and Processes
   ↓ Science Priorities

▶ Thank you to all participants, WG/IG chairs and vice-chairs for your contributions