



State of the TCG

Shanghai
2017-05-15

*Matthew Graham and Patrick Dowler
For the TCG*



Technical Coordination Group

- ▶ Build consensus within the WG and community
- ▶ Assure technical coordination amongst WGs/IGs
- ▶ Liaison with IVOA Exec
- ▶ Specific role in Recommendation Process

	Chair	Vice-Chair
TCG	Matthew Graham	Pat Dowler
Working Groups		
Applications	Pierre Fernique	Tom Donaldson
Data Access Layer	François Bonnarel	Marco Molinaro
Data Model	Mark Cresitello-Dittmar	Laurent Michel
Grid and Web Services	Brian Major	Giuliano Taffoni
Registry	Markus Demleitner	Theresa Dower
Semantics	Mireille Louys	Alberto Accomazzi
Interest Groups		
Data Curation & Preservation	Françoise Genova	
Education	Massimo Ramella	Sudhanshu Barway
Knowledge Discovery in Databases	Kai Lars Polsterer	
Operations	Tom McGlynn	Mark Taylor
Solar System	Baptiste Cecconi	
Theory	Carlos Rodrigo	
Time Domain	John Swinbank	Dave Morris
IVOA Committees		
Exec	Pepi Fabbiano	Mark Allen
Standard and Processes	Francoise Genova	
Science Priorities	Mark Allen	



Group

- ▶ New leadership
- ▶ New Interest Group

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Group

WG/IG chairs and vice-chairs:
3-year terms
1 year extension possible

- ▶ Terms ending this InterOp

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IVOA Architecture

- ▶ IVOA Architecture Note released on Nov 2010
 - ▶ <http://www.ivoa.net/Documents/Notes/IVOAArchitecture/20101123/index.html>
- ▶ General description of IVOA Architecture
 - ▶ Level 0, 1, and 2 from general to VO specific
 - ▶ Present all IVOA standards in one slide (Level 2)
- ▶ Level 0 and 1 stable since creation
- ▶ Level 2 updated with new IVOA standards
- ▶ Individual standards diagram updated



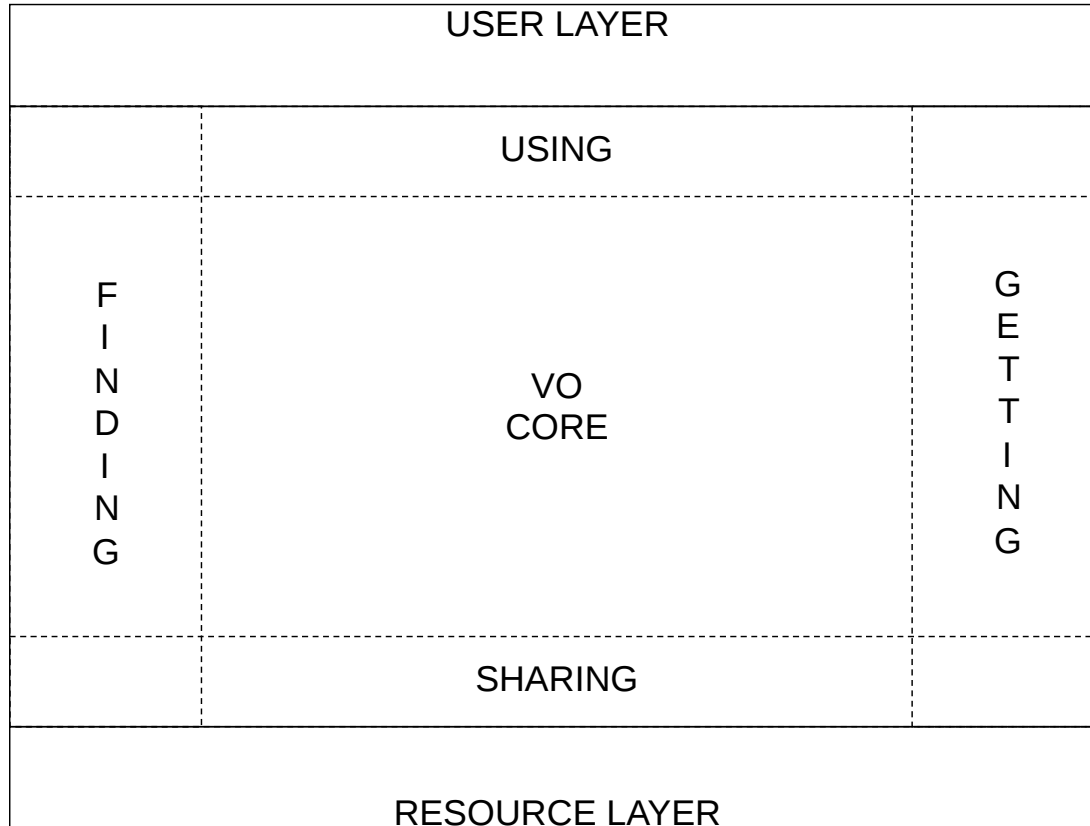
IVOA Architecture Level 0

LEVEL 0

USERS



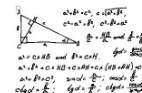
COMPUTERS



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IVOA Architecture



PROVIDERS



Stable Since
Creation



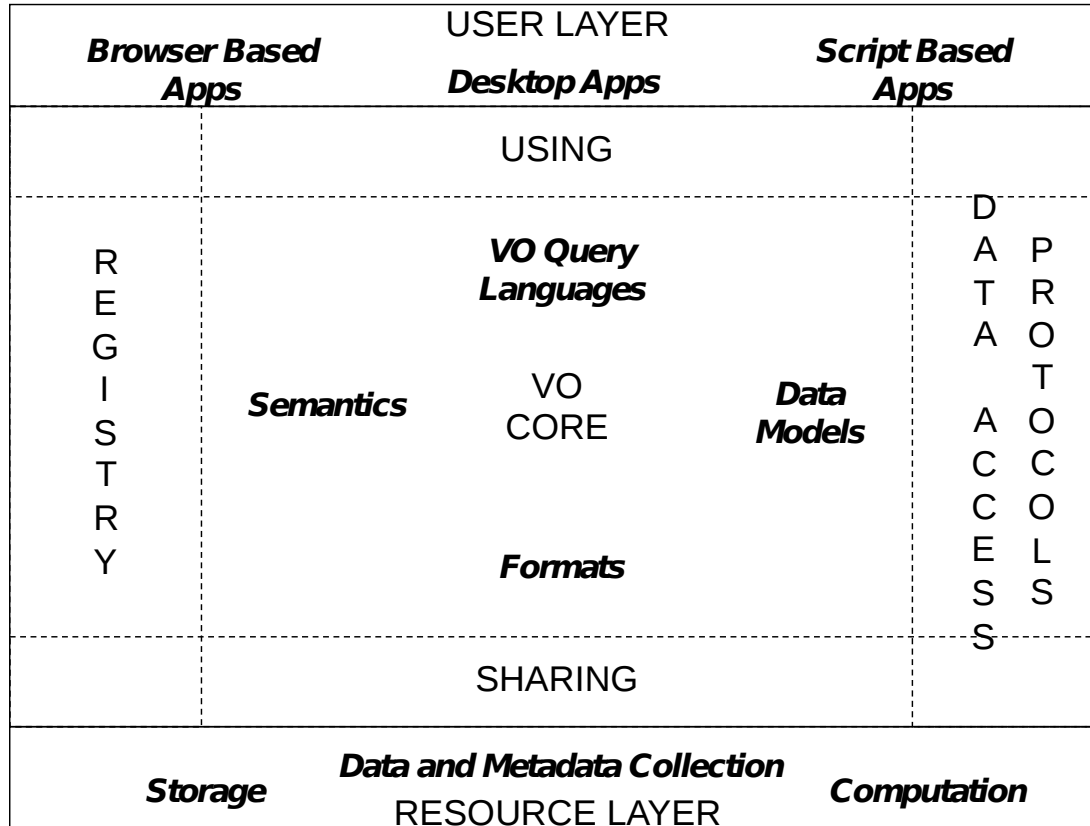
IVOA Architecture Level 1

LEVEL 1

USERS



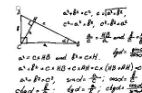
COMPUTERS



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IVOA Architecture



PROVIDERS



Stable Since
Creation



IVOA Architecture Level 2

LEVEL 2
All standards

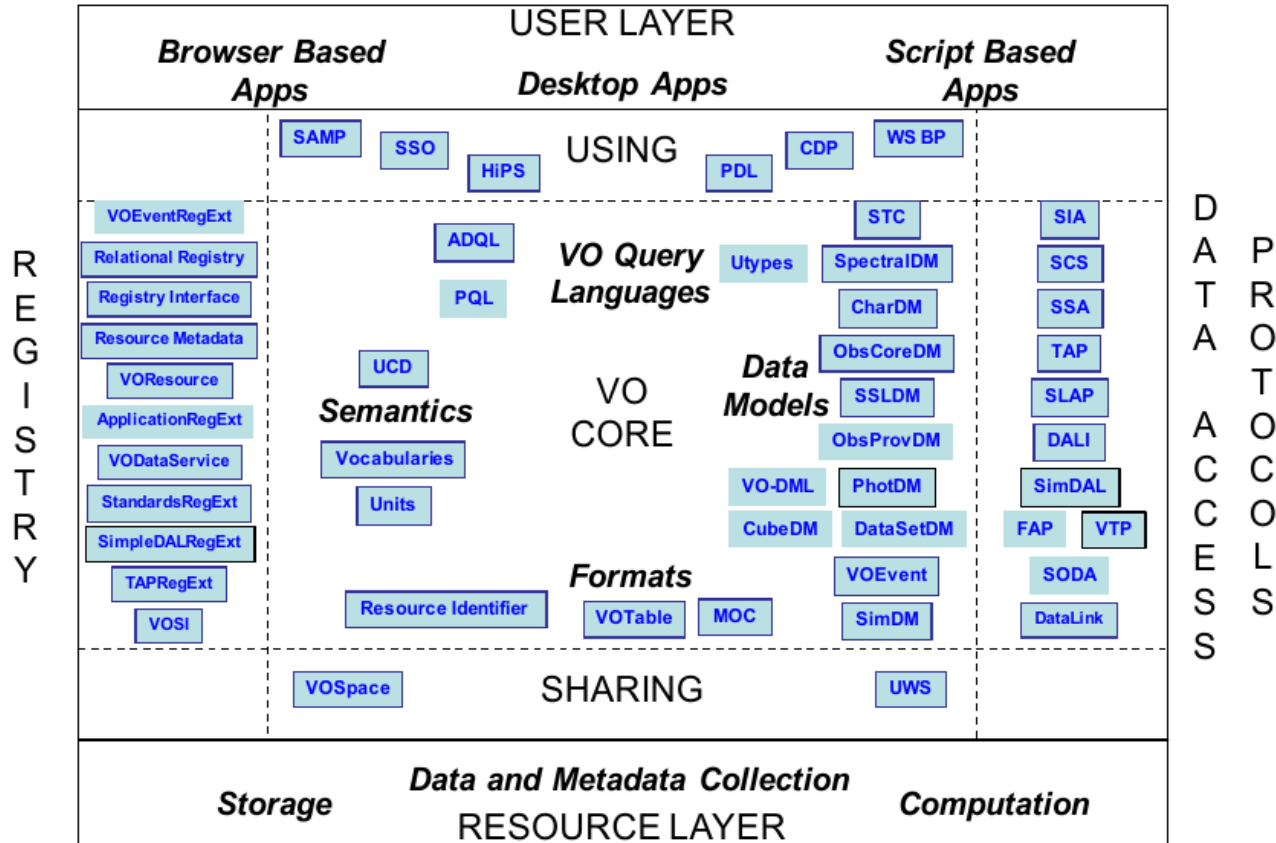
USERS



COMPUTERS

REC

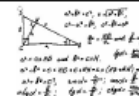
InProgress



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IVOA Architecture



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Since last InterOp

Data Access Layer WG
Data Model WG
Theory IG
Time Domain IG

- ▶ ObsCore 1.1
- ▶ SimDAL 1.0
- ▶ VTP 2.0





Latest RECs

LEVEL 2
All standards

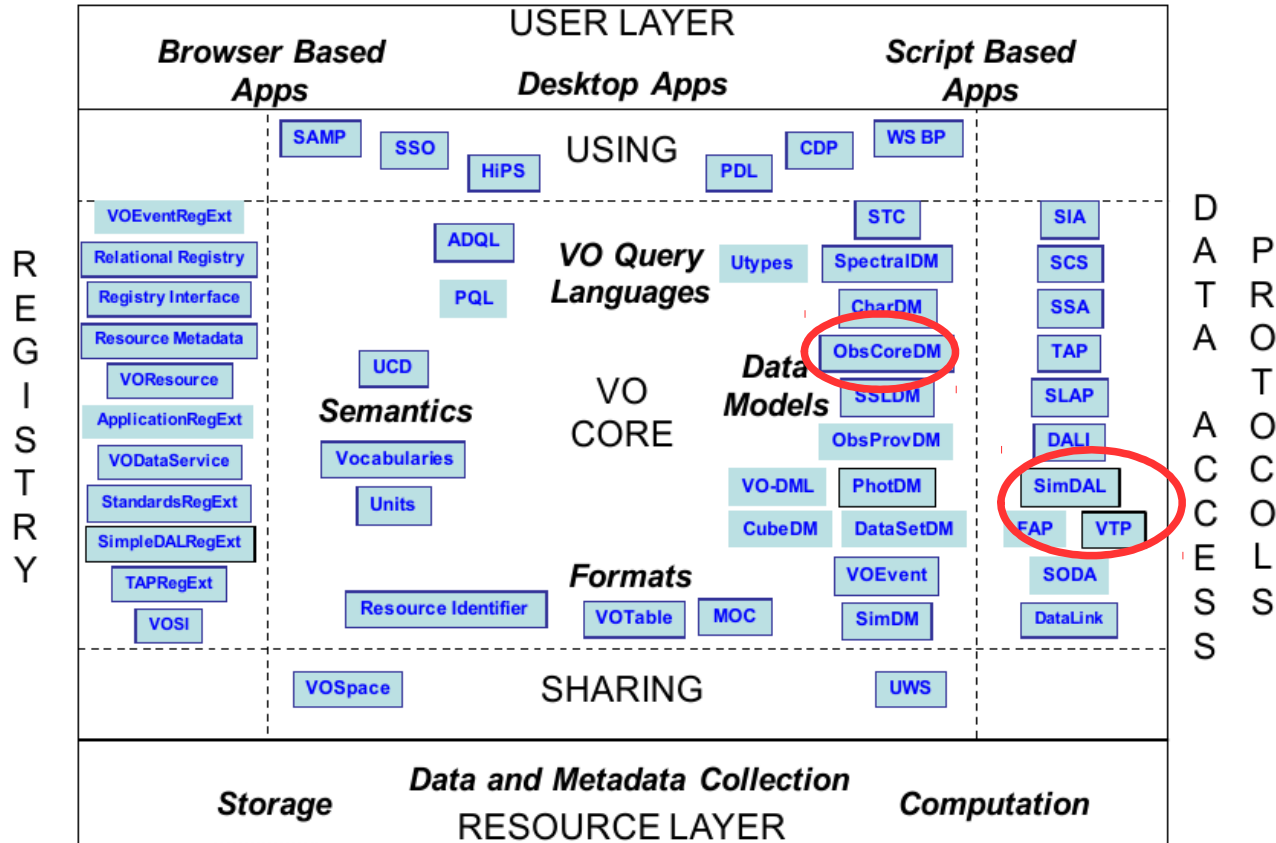
USERS



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REC

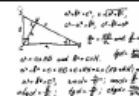
InProgress



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IVOA Architecture



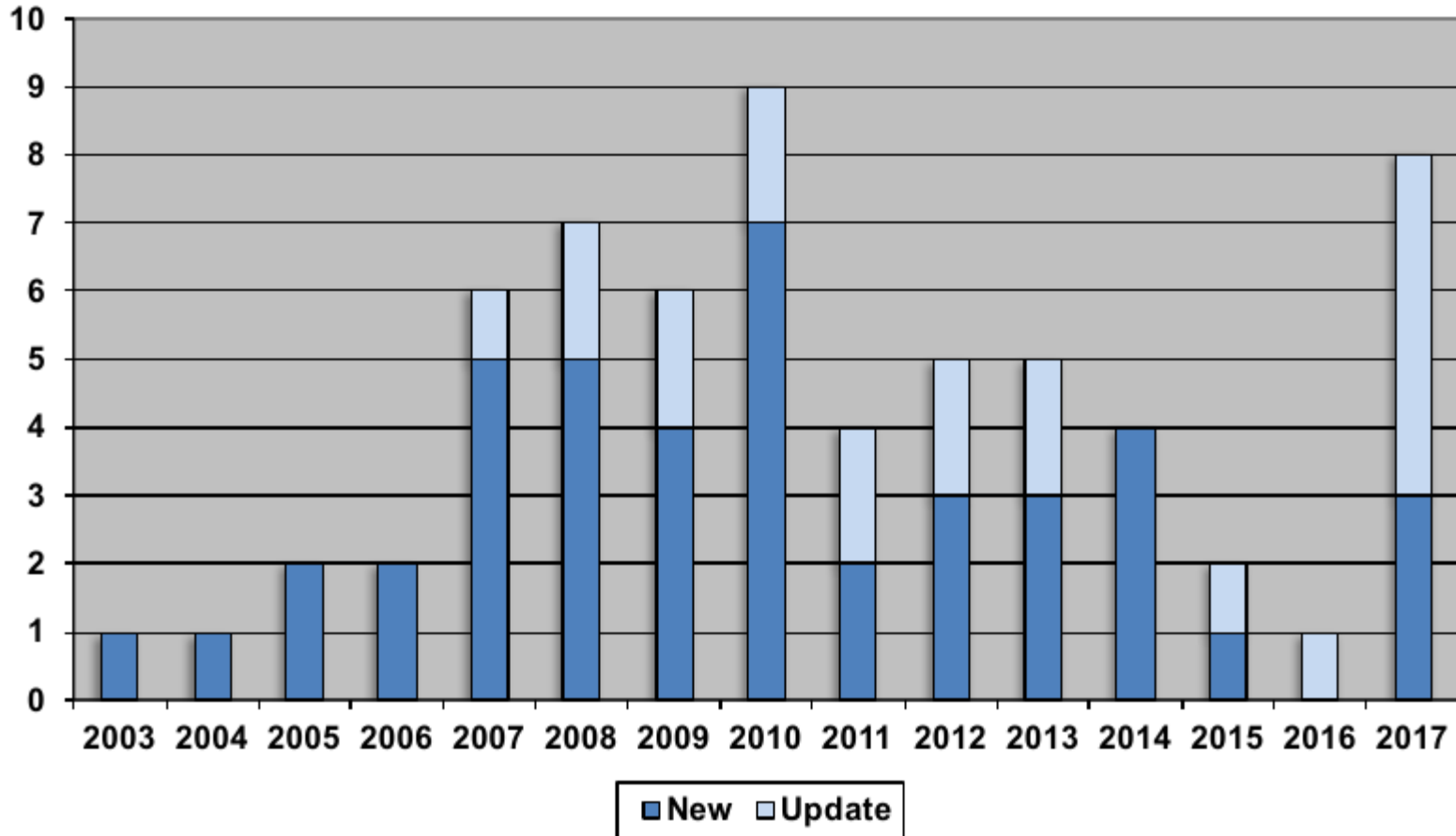
PROVIDERS





IVOA Standards per year

IVOA Standards Recommended per Year





New: Errata Process

TCG endorse errata for existing standards

Latest (first!) errata:

- ▶ TAPRegExt 1.0 (1)
- ▶ TAP 1.0 (4)
- ▶ VOTable 1.3 (1)



Exec Endorsed Priorities

- ▶ Multi-dimensional data:

- ▶ “SIAv2”

- ▶ ObsCore 1.0: Recommendation
 - ▶ Datalink 1.0: Recommendation
 - ▶ SIA 2.0: Recommendation
 - ▶ DALI 1.1 : submitted to Exec
 - ▶ SODA 1.0: submitted to Exec

support minimum set of use cases: DONE

- ▶ additional features

- ▶ ObsCore 1.1: Recommendation
 - ▶ Data Access Layer WG activities
 - ▶ Data Model WG activities



Exec Endorsed Priorities

- ▶ Time Domain & Time Series data:
 - ▶ ongoing data model work
 - ▶ increase in prototype work
- ▶ multiple joint sessions: DAL/DM/TDIG
- ▶ activity in the science community
- ▶ gaining traction within the IVOA



Review Process - 1

- ▶ Working Drafts
 - ▶ WG/IG agreement
 - ▶ Leading to a Proposed Recommendation (PR)

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Review Process - 2

- ▶ Proposed Recommendation
 - ▶ Request for Comment (RFC)
 - ▶ IVOA-wide review
 - ▶ Review early!!!
 - ▶ TCG members should review
 - ▶ TCG review and approval
 - ▶ Integration verification
 - ▶ Exec review and approval
- ▶ WG chairs
 - ▶ Manage the process
 - ▶ Discretion on accepting late comments





PR's in the Rec Process

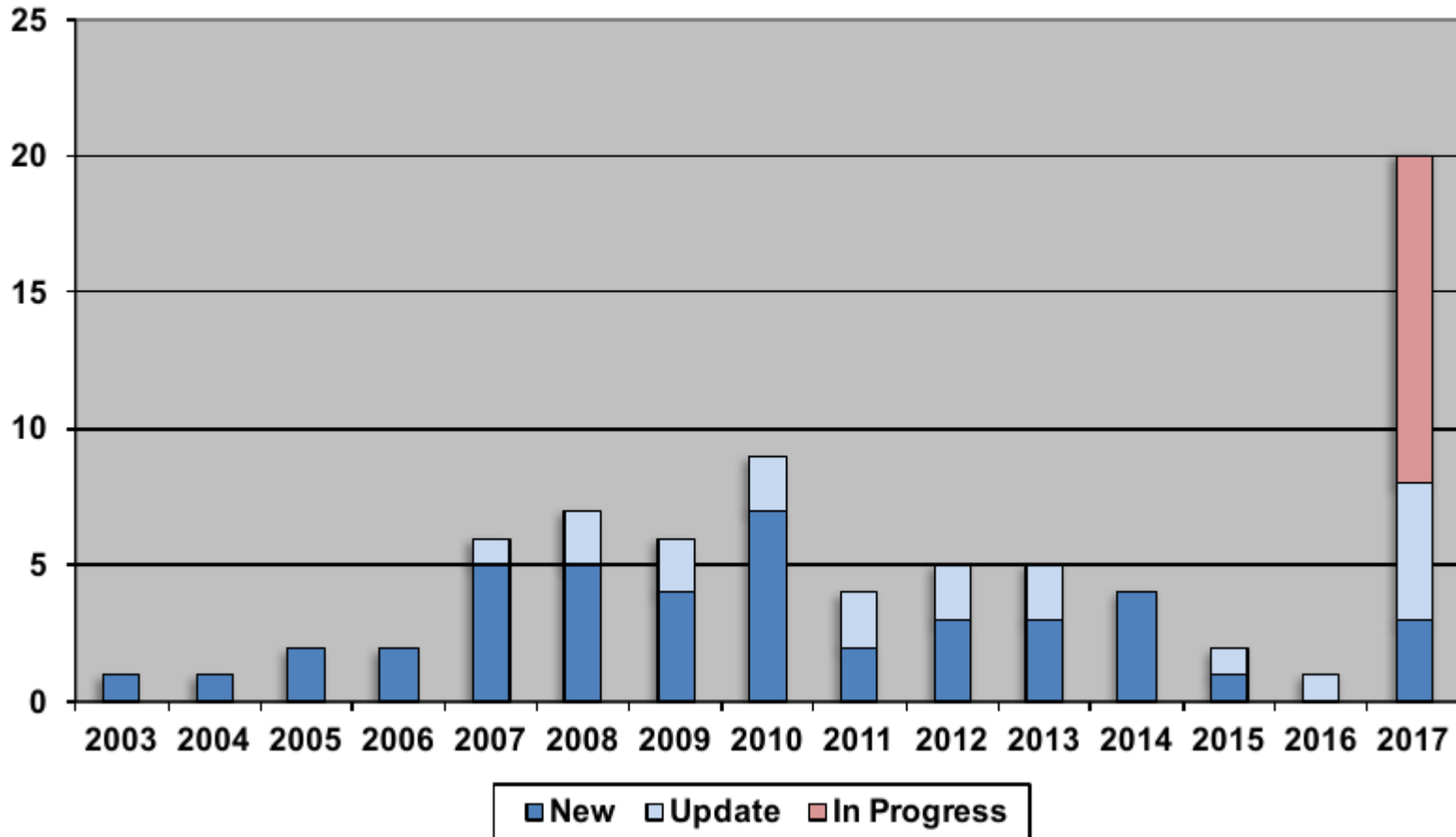
- ▶ In Exec review
 - ▶ DocStd 2.0
 - ▶ Single Sign-On (SSO) 2.0
 - ▶ SimpleDALRegExt 1.1
 - ▶ HiPS 1.0
 - ▶ VOSI 1.1
 - ▶ DALI 1.1
 - ▶ SODA 1.0
- ▶ In RFC/TCG review
 - ▶ VO-DML 1.0
 - ▶ VO Registry Interfaces 1.1
 - ▶ VOSpace 2.1





IVOA Standards per year

IVOA Standards Recommended per Year





Publishing Data in the VO

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

TWiki > [IVOA Web](#) > PublishingInTheVO (2017-05-14, MarcoMolinaro)

[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.
- ▶ One page per IVOA “semester” – A and B
- ▶ Links to the Roadmap on website footer

TWiki > [IVOA Web](#) > [WebPreferences](#) > [2017ARoadmap](#) (2017-05-14, [MatthewGraham](#))

[Edit](#) [Attach](#)

IVOA Roadmap for 2017A

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2017 between the Shanghai and Santiago Interops.

↓ [IVOA Roadmap for 2017A](#)

- ↓ [Applications](#)
- ↓ [Data Access Layer](#)
- ↓ [Data Model](#)
- ↓ [Grid and Web Services](#)
- ↓ [Registry](#)
- ↓ [Semantics](#)
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- ↓ [Time Domain](#)
- ↓ [Standard and Processes](#)
- ↓ [Science Priorities](#)



This InterOp

- ▶ We wish everyone a productive week in Shanghai!