State of the TCG

Santiago
2017-10-27

Matthew Graham and Patrick Dowler
For the TCG

- Who?
  - Chairs and Vice-Chairs of Working Groups, Interest Groups, and Commitees

- What?
  - Build consensus in WG and community
  - Assure coordination between WGs & IGs
  - Liason with IVOA Executive
  - Review and Approval role in standards process

Technical Coordination Group

- WG and IG chairs and vice-chairs: 3 year term, +1 year extension

- Welcome new members!

	Chair	Vice-Chair
TCG	Matthew Graham	Patrick 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 Sevices	Brian Major	Giuliano Taffoni
Registry	Markus Demleitner	Theresa Dower
Semantics	Mireille Louys	Alberto Accomazzi
Interest Groups		
Data Curation & Preservation	Françoise Genova	
Education	✹ Chenzhou Cui	✹ Hendrik Heinl
Knowledge Discovery in Databases	Kai Lars Polsterer	
Operations	Tom McGlynn	Mark Taylor
Solar System	✹ Baptiste Cecconi	
Theory	Carlos Rodrigo	
Time Domain	✹ Ada Nebot	Dave Morris
IVOA Committees		
Exec	Pepi Fabbiano	Mark Allen
Standard and Processes	Christope Arviset	
Science Priorities	Bruno Merin	

IVOA Architecture

- IVOA Architecture Note released in Nov 2010

    http://www.ivoa.net/documents/Notes/IVOAArchitecture/index.html

- General description of IVOA Architecture
  - Levels 0, 1, and 2 : general → specific
  - Level 0 and 1 stable
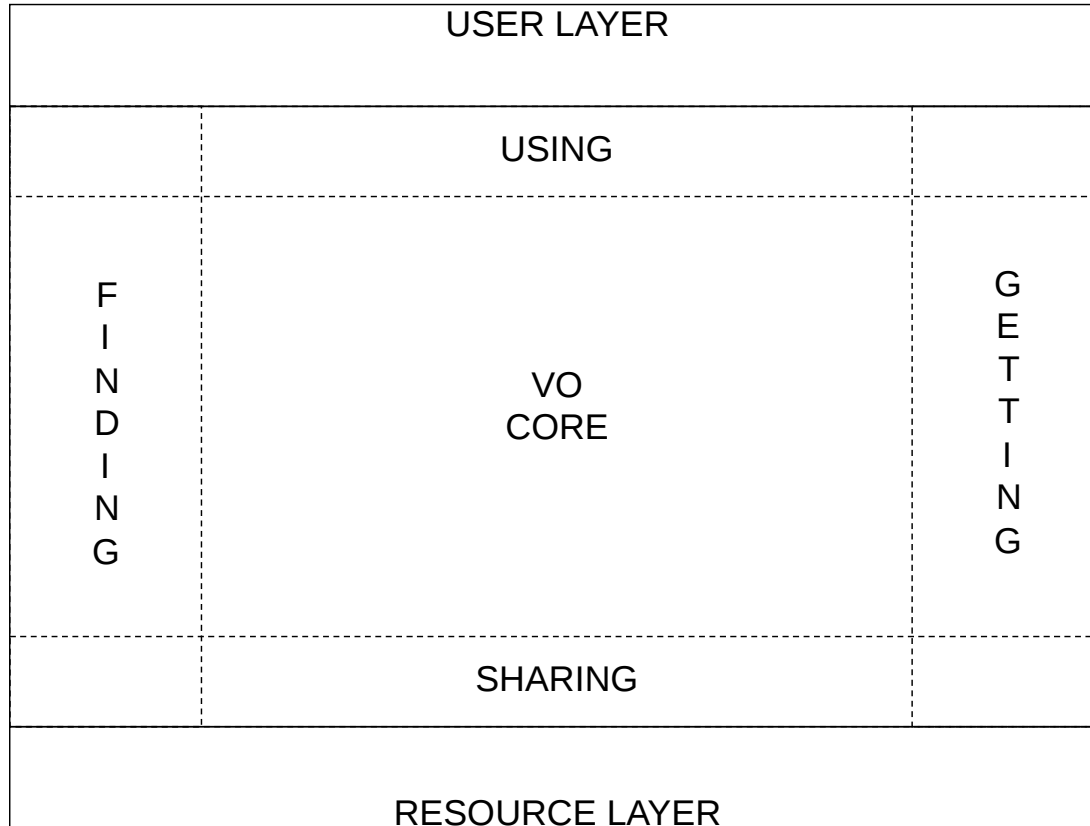 - Level 2 updated with new IVOA standards
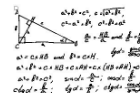
IVOA Architecture - Level 0

LEVEL 0

USERS

COMPUTERS

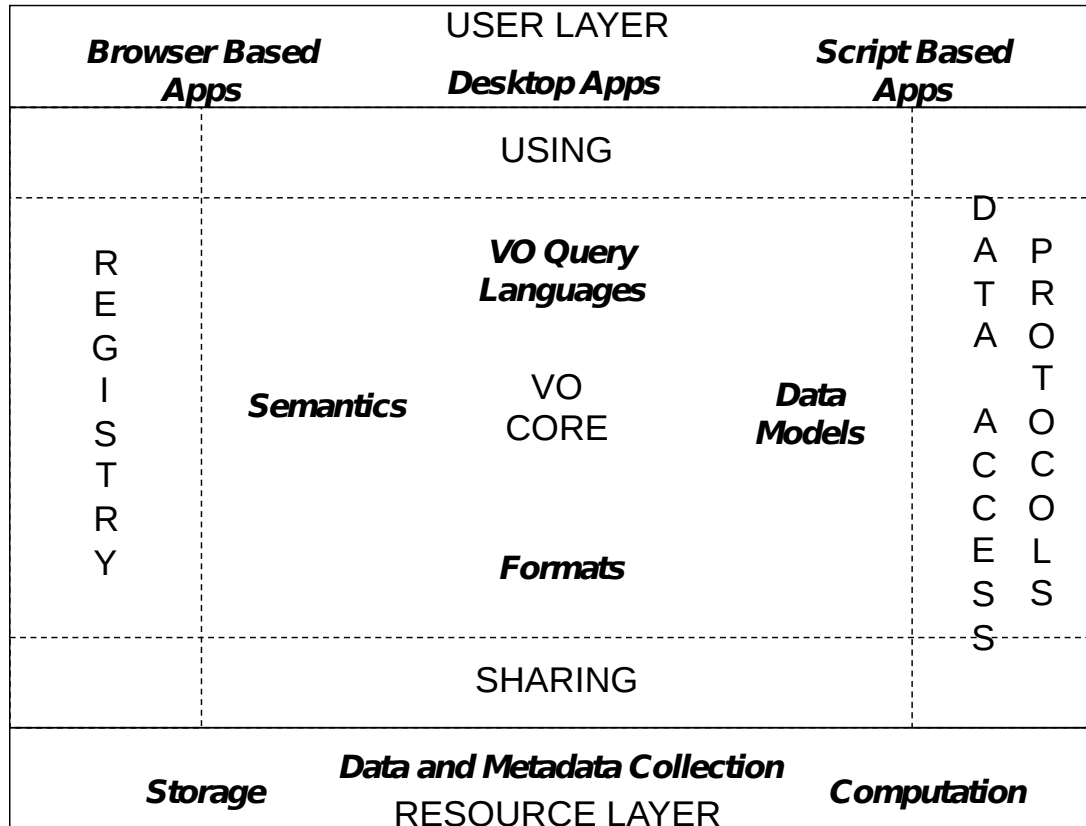| USER LAYER		
	USING	
F I N D I N G	VO CORE	G E T T I N G
	SHARING	
RESOURCE LAYER		

20120521
IVOA Architecture

PROVIDERS

LEVEL 1

USERS

COMPUTERS

USER LAYER

| Browser Based Apps | Desktop Apps | Script Based Apps |

USING

R E G I S T R Y	Semantics	VO Query Languages	Data Models	D A T A A C C E S S	P R O T O C O L S
		VO CORE			
		Formats			

SHARING

Data and Metadata Collection

| Storage | Computation |

RESOURCE LAYER

**20120521
IVOA Architecture**
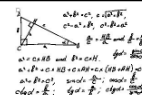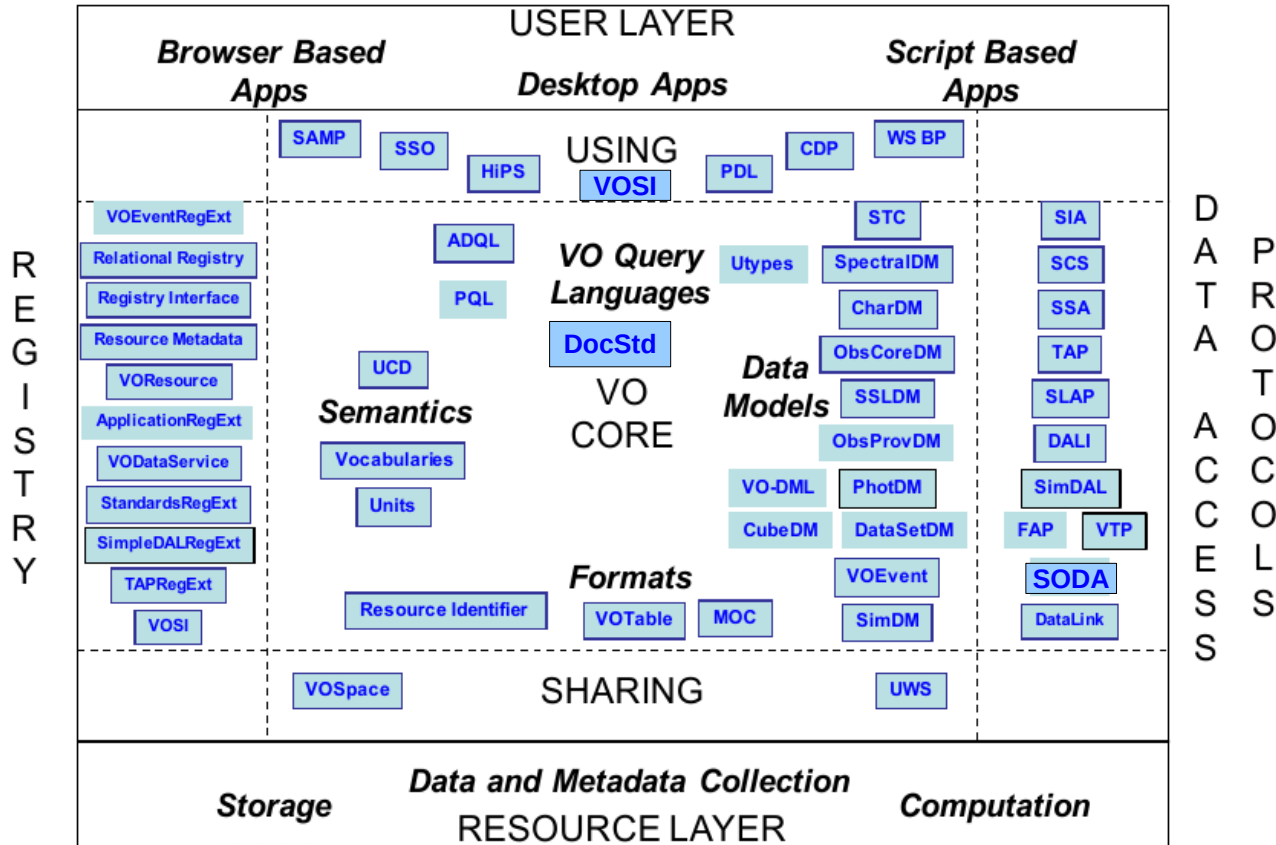
PROVIDERS

20150619
IVOA Architecture
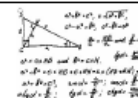
▸ TCG members review and approve standards

▸ WG chairs and vice-chairs manage the process

IVOA Document Standards and Processes

IAU Standards

possible IAU endorsement

Recommendations

PR published, 2 weeks
IVOA-wide RFC, TCG review, 6 weeks
TCG vote, 2 weeks
IVOA Exec review and approval

Proposed Recommendations

agreement within Working Group

Working Draft

Notes

IVOA Standards Recommended per Year
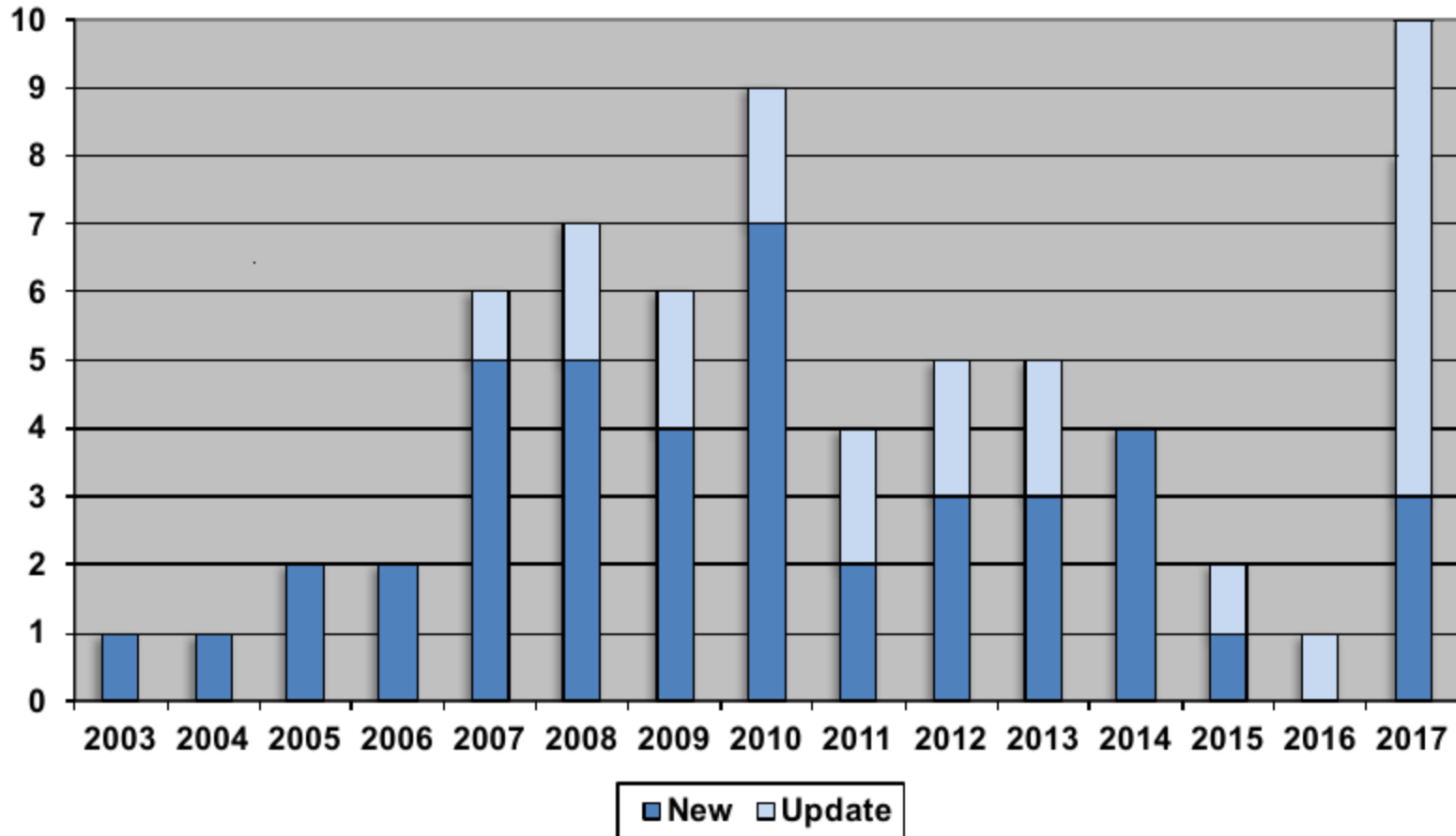
- VODML-1.0
- VOSpace-2.1
- VOResource-1.1
- Registry Interfaces 1.1
- UCDList 1.3

- PEN-Discovering Data Collections 1.1

IVOA Document Standards and Processes

IAU Standards

possible IAU endorsement

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Proposed Recommendations

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Working Draft

Notes

▸ review and accept errata for current standards

▸ review proposals for Endorsed Note
  ▸ can endorse directly or call for RFC

▸ Vocabulary Enhancement Proposal:
  ▸ process is currently being defined
  ▸ oversight requirements indicate a process somewhere between errata and endorsed note

- ▶ 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/PublishingInTheVO

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

▶ Links to the Roadmap on website footer

TWiki > ■ IVOA Web > WebPreferences > 2017ARoadmap (2017-06-30, PierreFernique)

IVOA Roadmap for 2017A

This outlines the roadmap for development activities by the various IVOA working and interest groups Interops.

↓ IVOA Roadmap for 2017A
   ↓ Applications
   ↓ Data Access Layer
   ↓ Data Model
   ↓ Grid and Web Services
   ↓ Registry
   ↓ Semantics
   ↓ Data Curation & Preservation
   ↓ Education
   ↓ Knowledge Discovery in Databases
   ↓ Operations
   ↓ Theory
   ↓ Time Domain
   ↓ Standard and Processes
   ↓ Science Priorities

We wish all participants, chairs and vice-chairs a productive weekend in Santiago!