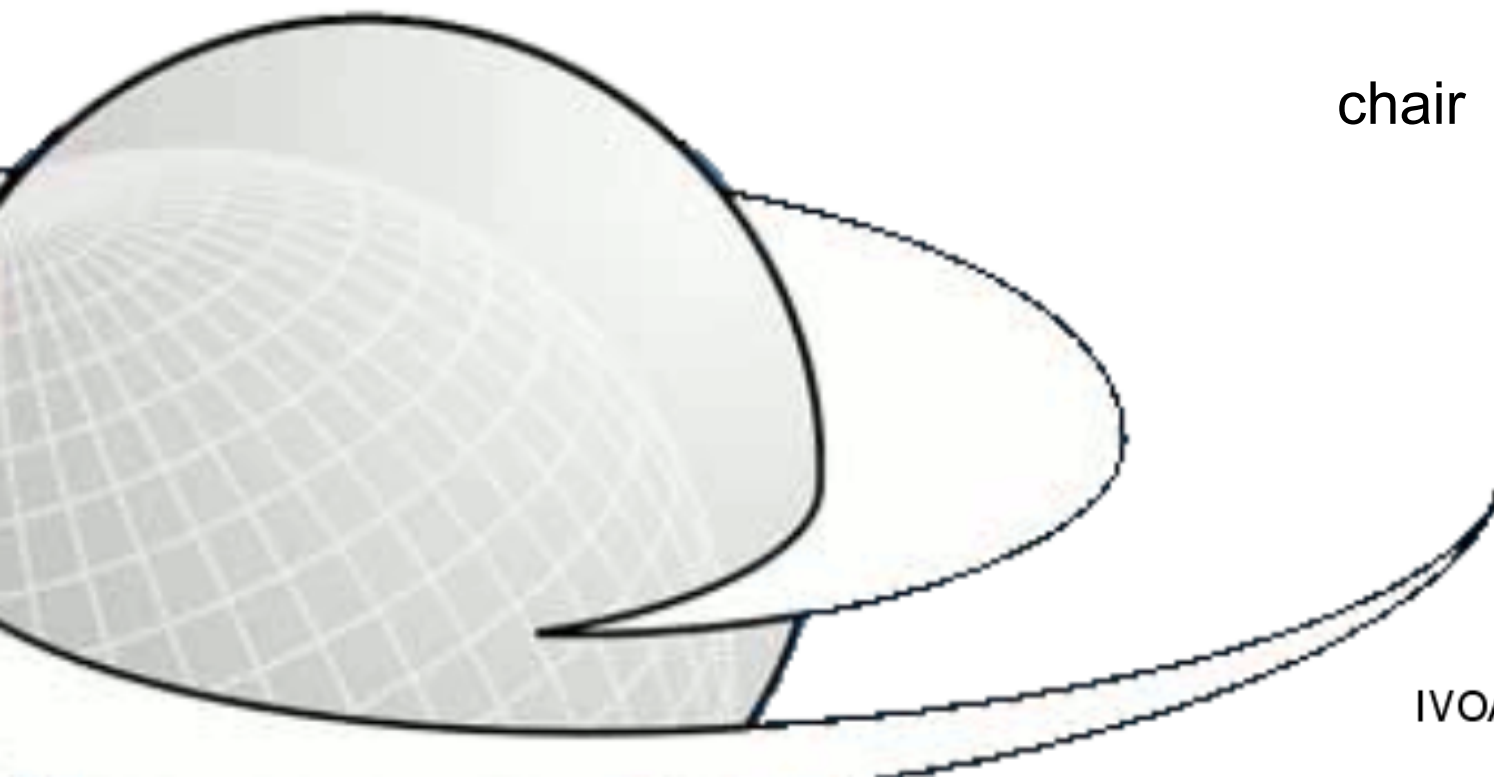


# Reg 2: Extension Schemas Publishing Interfaces

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chair



# Registry Standards Roadmap



- In RFC:
  - Registry Interfaces v1.0
- Ready after Baltimore:
  - VODataService
  - AVM
- Next in Queue
  - DAL service support: SCS, SIA, SSA
  - VOApp
  - VOStandard
- Active collaborations
  - VOEventStream

# VODataService



- Twiki Page: VODataService
  - Internal draft doc., schema, examples
  - Discussion of latest changes
- Summary of Features
  - Resource Types
    - **DataCollection: Resource** + <facility> <instrument> <rights> <format> <coverage> <tableset> <accessURL>
    - **DataService: Service** + <facility> <instrument> <coverage>
    - **CatalogService: DataService** + <tableset>
    - **StandardSTC: Resource** + <stcDefinitions>
  - Interface Type: ParamHTTP

# VODataService



- Summary of Features

- Coverage: <coverage>

- 2 parts: STC + summary

- <stc:STCResourceProfile>

- <footprint>

- <waveband> \*

- <regionOfRegard> \*           \*RM terms

- Tables:

- based on TAP data model

- <tableset>

- <schema>

- <table>

- <column>

# Table Descriptions



- there is only 0 or 1 tableset allowed
  - allows for simple insertion from VOSI
- schema = logical collection of tables
  - 1 or many allowed
  - each must have unique name
    - to support unique identification relative to ivo-id
    - can be called "default" (e.g. for SIA)
  - each can have text description
  - Ex: can serve 2MASS, SDSS, FIRST in one tableset
- table
  - 1 or many allowed, each with unique name
    - must be fully qualified (for direct insertion into ADQL)
  - type attribute: base\_table, view, output

# Sundry Changes



- Descriptions of table functions/procedures and joins *postponed*
  - needs more prototyping
  - instead spell out explicit extension mechanisms
    - provide new metadata via extended types & `xsi:type`
    - allow for extended parameter/column data types
    - allow external attributes on certain elements
- TableService resource type *dropped*
- added `<utype>` child to `<schema>`, `<table>`, and `<column>`
- added `<flag>` child to `<column>`