Registry session orientation

What TJ could do over lunch

TJaffe — IVOA Inter

View from afar:

Publisher

Metadata (XML)
describing the service

- who (publisher, references)
- what (type, waveband, sky region)
- when (provenance)
- where (URL)
- why (description)

Publication registry
(non-VO OAI-PMH protocol)

SIA service
TAP service
...

Registry
(e.g., GAVO, EuroVO, NAVO)

Relational database
(e.g., Postgres, MySQL)

Harvesters

Query service

Client

- Asks what's available (RegTAP)
- Looks at results (VOTable, vocabularies, etc.)
- Queries services (DAL, SIA, etc.)

Registry
(e.g., GAVO, EuroVO, NAVO)

Relational database (e.g., Postgres, MySQL)

Tables:

resource
capability
res_schema
res_table
interface
...

Columns:

ivoid
res_type
short_name
reference_url
...

Standards:

VOResource: basic data model for resource info, schema defined with xpaths

VODataService: extends VOResource to describe services, tablesets, collections,

Vocabularies, UCDs, ...

IVOA Identifier

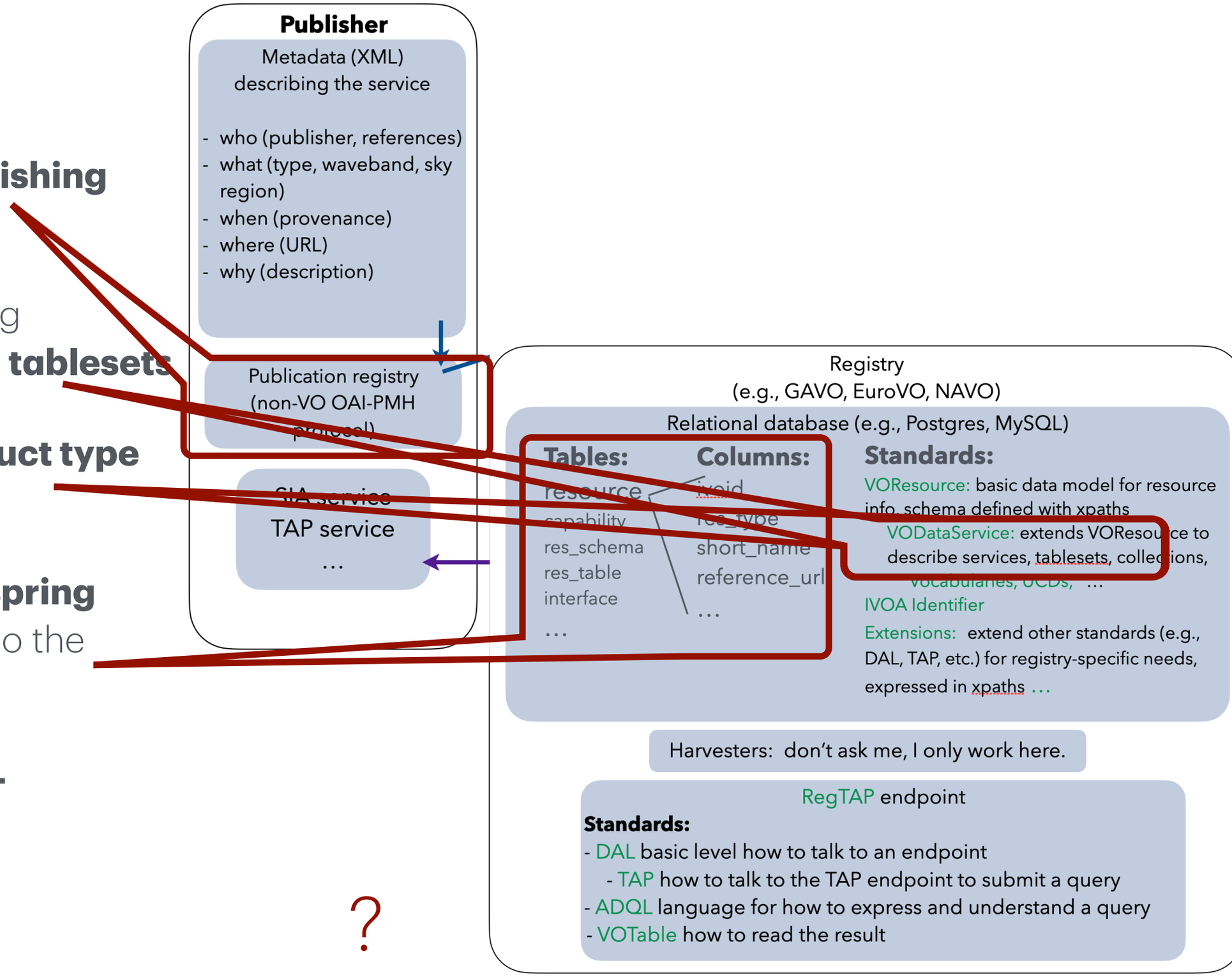
Extensions: extend other standards (e.g., DAL, TAP, etc.) for registry-specific needs, expressed in xpaths ...

Harvesters: don't ask me, I only work here.

RegTAP endpoint

Standards:

- DAL basic level how to talk to an endpoint
  - TAP how to talk to the TAP endpoint to submit a query
- ADQL language for how to express and understand a query
- VOTable how to read the result

So what are we talking about today?

- PatD on **OAI publishing** registry
- RenaudS on linking **capabilities with tablesets**
- MarkusD on **product type** served
- TessJ on registry **spring cleaning**; what do the clients see?
- RenaudS on **mini-resources**