



INSPIRE NETWORK SERVICES

FRENCH IMPLEMENTATION GUIDELINES



Overview

- Implementing rule commission of the national council for geographic information : organize INSPIRE implementation in France
 - Group of experts to write guidelines on INSPIRE Metadata (for data, services...)
 - **Group of experts to write guidelines on INSPIRE Network Services**



Overview

■ Experts from various organizations :

- Regionals platforms
- Local entities
- National entities
- Ministry
- Private companies (software provider)

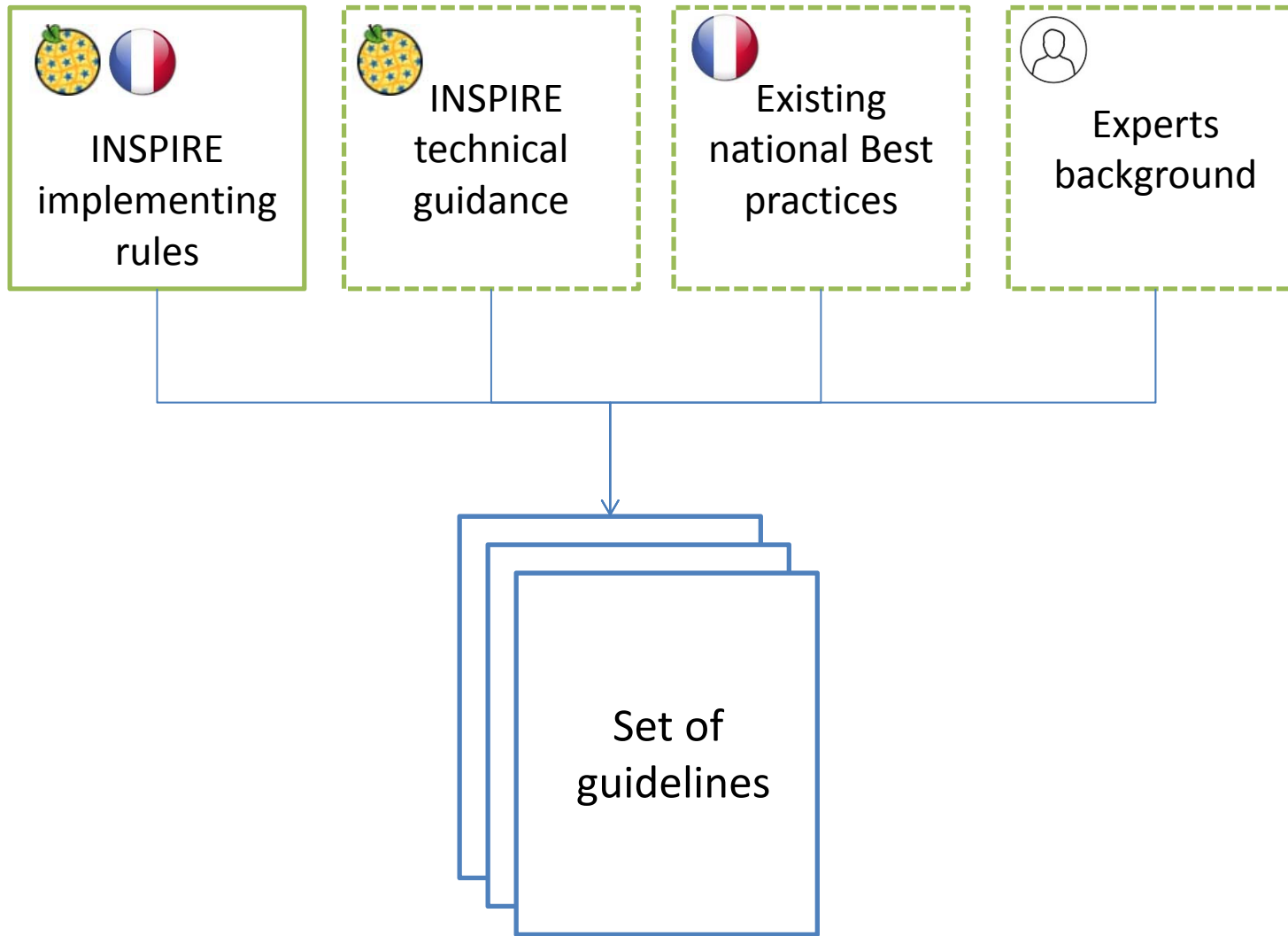


Goal

- General guidelines on INSPIRE network services
- Guidelines on INSPIRE discovery service
- Guidelines on INSPIRE view service
- Guidelines on INSPIRE download service



Principle



General guidelines

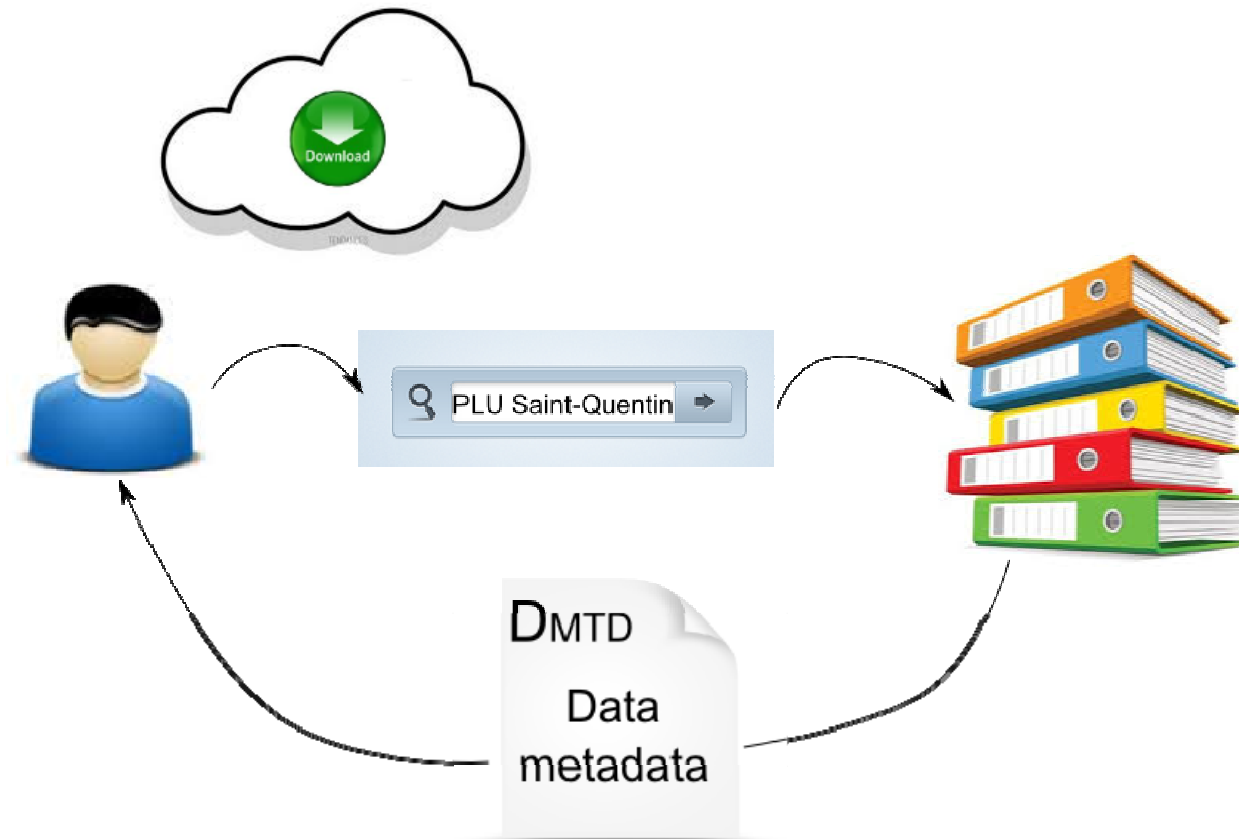
- **Mapping between service metadata and “Describe XXX service metadata” information**
 - Help people produce service metadata
 - Improve the quality of the information contained in the “Describe XXX service metadata” document



Guidelines on discovery service

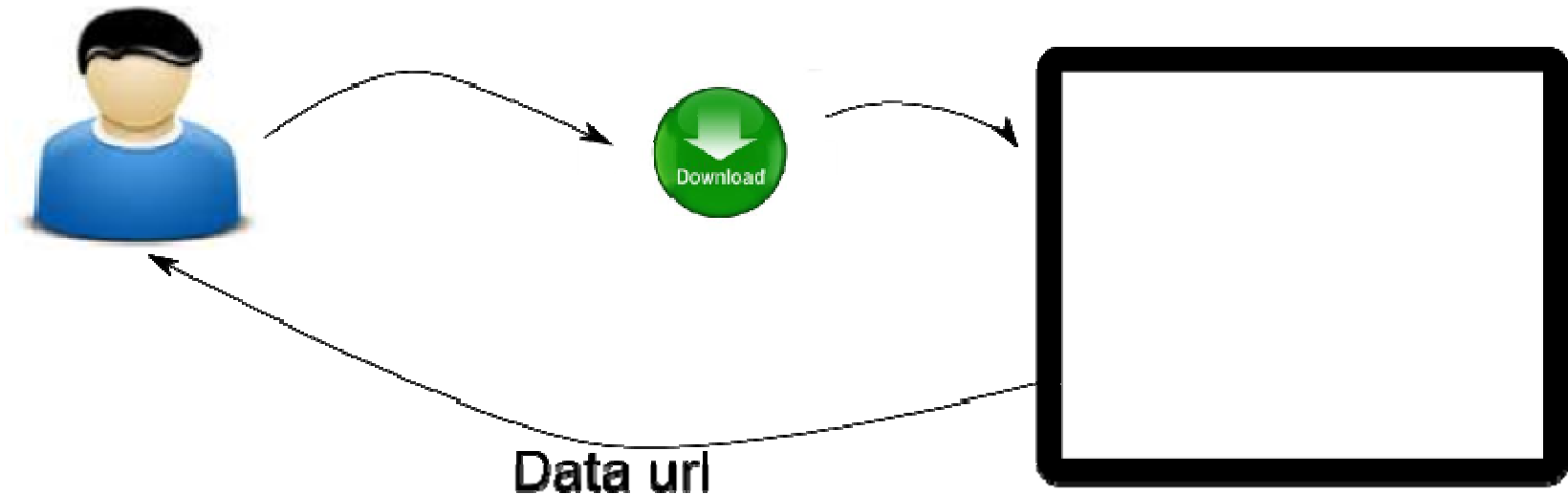
■ Experts discussion

- The link between data metadata and view or download service need to be improved so that it is transparent for the user in the catalogue viewer.



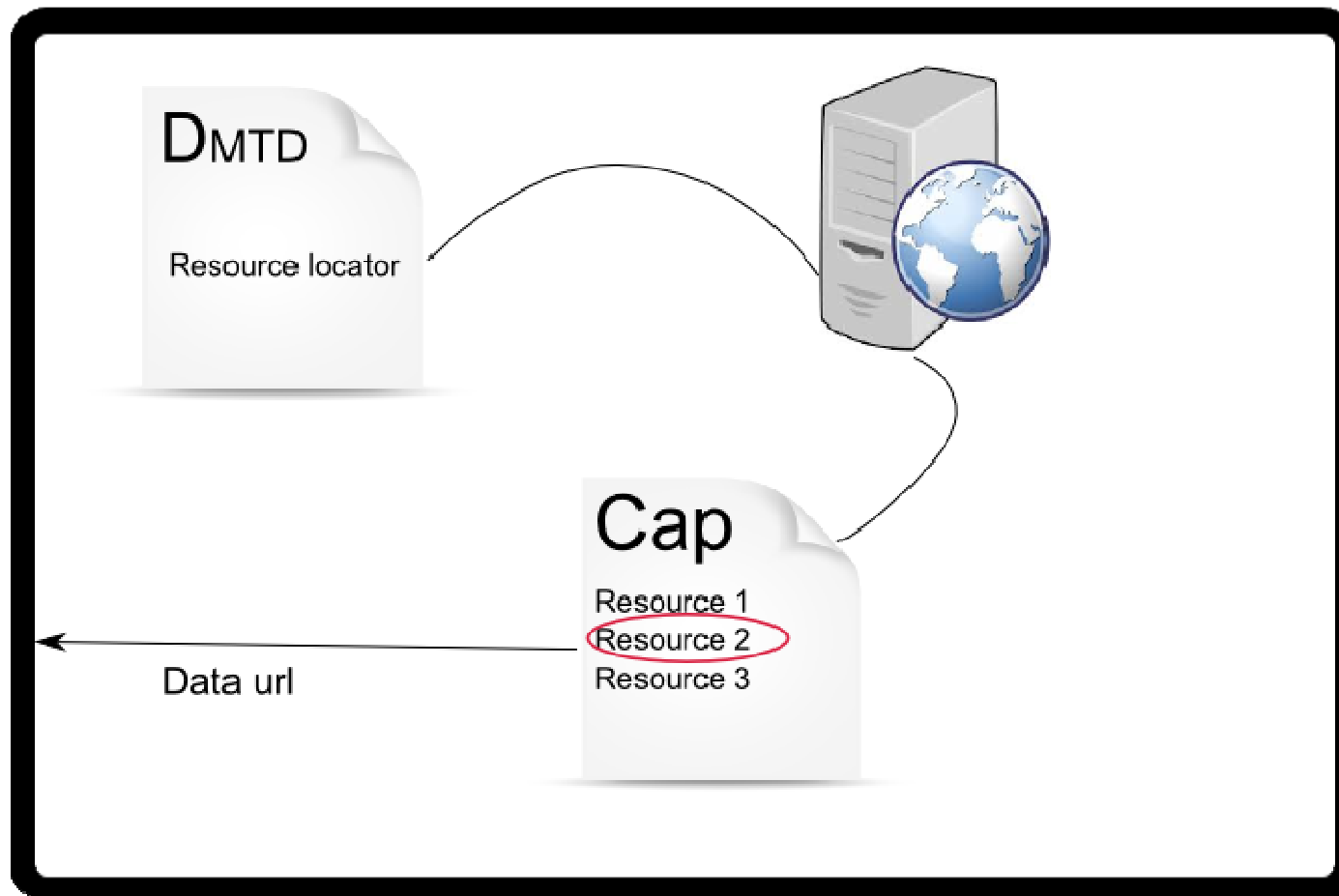
Guidelines on discovery services

- It is necessary to make this link as transparent as possible for the user.



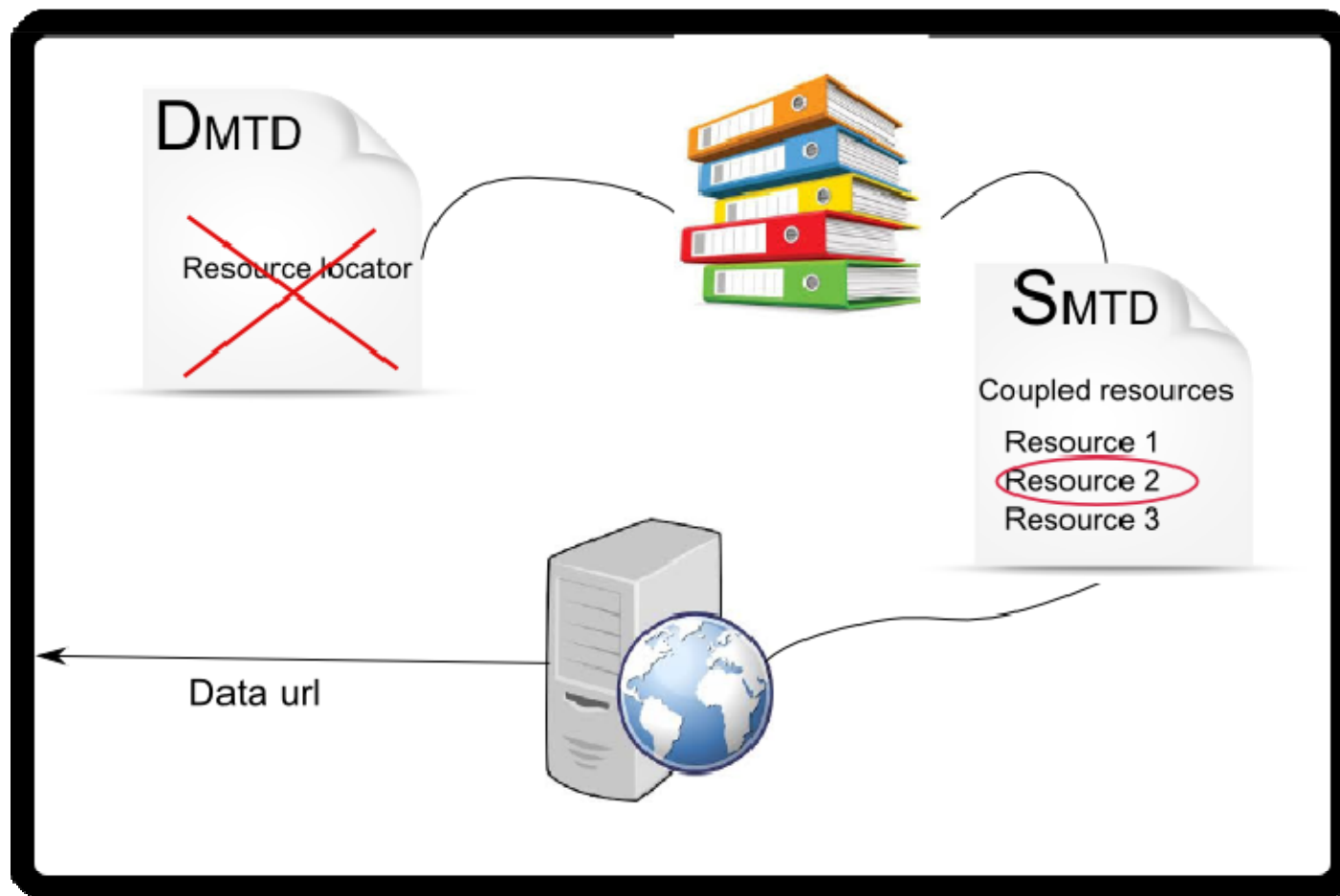
Guidelines on discovery service

Solution 1



Guidelines on discovery service

Solution 2



Guidelines on view service

Layers for the spatial data theme Administrative Units

Layer Name	Layer Title	Spatial object type
AU.AdministrativeUnit	Administrative unit	AdministrativeUnit
AU.AdministrativeBoundary	Administrative boundary	AdministrativeBoundary
AU.Condominium	Condominium	Condominium
AU.NUTSRegion	NUTS Region	NUTSRegion

From: “Technical Guidance for the implementation of INSPIRE View Services”

Title:

Implementation Requirement 33

It is mapped with <wms:Title>. The harmonised title of a layer for an INSPIRE spatial data theme is defined by [INS DS] and shall be subject to multilingualism (translations shall appear in each mono-lingual capabilities localised documents)

Name :

The harmonised name of a layer for an INSPIRE spatial data theme as defined by [INS DS]

Implementation Requirement 39

Name shall be mapped with the <wms:Name> element. The harmonised name of a layer shall comply with the Layer requirements of the [INS DS, Article 14]



Guidelines on view service

- **Experts discussion**

- It is necessary to be able to extend the layer name and layer title in many cases :

- Several versions are available:

- BSS EAU V0 ⇔ BSS EAU V1,
 - BD ORTHO 2011 ⇔ BD ORTHO 2012

- Several scales are available:

- BD ALTI25 ⇔ BD ALTI50

- Data are generated in small areas: urban data produced by cities

- PLU Lorient ⇔ PLU Rennes



☐ OI.OrthoimageCoverage
☐ OI.OrthoimageCoverage
☐ OI.OrthoimageCoverage



Guidelines on view service

- Decided to relax the constraints on the title
- Add a suffix to the name :
 - Ol.OrthoimageCoverage.2012
 - Ol.OrthoimageCoverage.2011
- ➡ A new MIG work item (20) has been created MIG.
 - Discussion to be continued on RedMine



Conclusion

- Guidelines available on the CNIG website :
http://cnig.gouv.fr/?page_id=7594
- Benefit of bringing experts together

