

RELATÓRIO DE VIAGEM (PARIS 9, 10, 11 de outubro de 2007)

PONTOS FORTES DA CONFERÊNCIA

TERREGOV e-GIC

Emmanuel ORAIN

Business Flow Consulting

1 – 3 level of interoperability

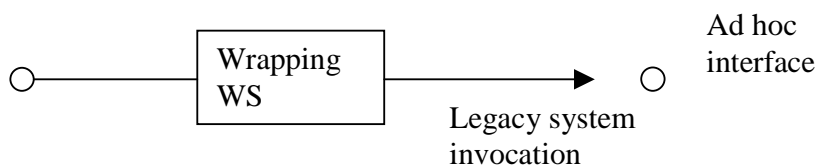
technical

Semantic

Organizational

Expressing existing services as WS ... and creating new services as WS as well

2 – WS interface



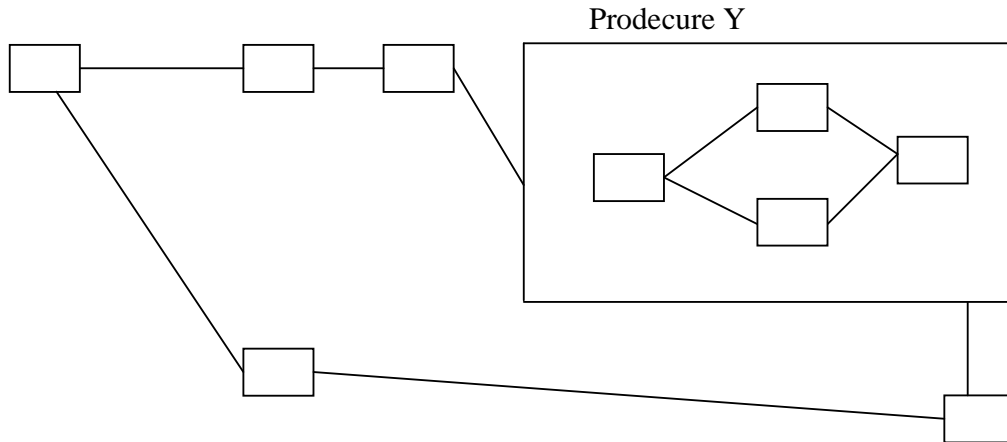
A WORKFLOW OF WS

3 – CENTRALLY CONTROL OF WORKFLOW

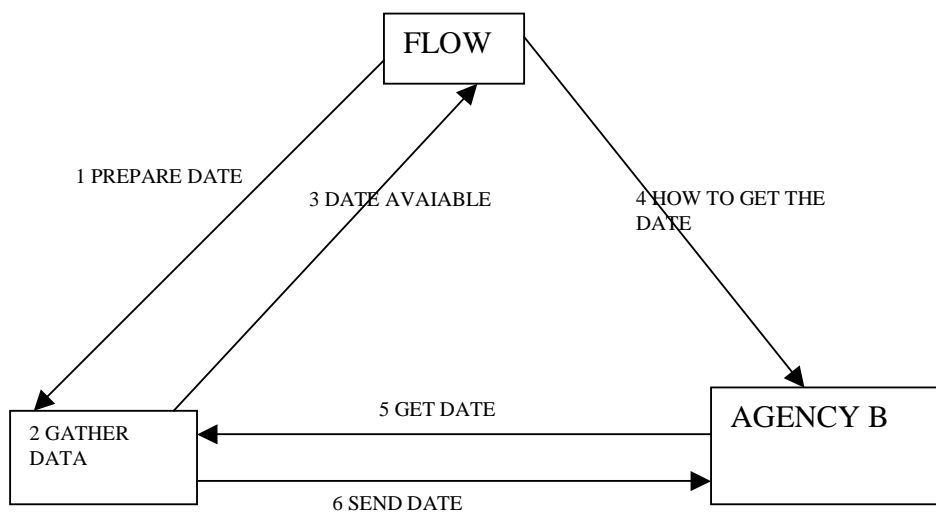
e-procedures and WS Regional Center; a central place for controlling eprocedures regional authority

e-procedures are also WS

procedure Y



4 - Human intervention with e-procedures



Semantic WS Registry
describing services with concepts
finding a service by its semantic description

5 – e-GOV INTEROPERABILITY CENTER e-GIC

Regional center provide the complete infrastructure and allowing agencies to participate in interoperable solutions

6 – TERREGOV CENTER REGIONEL – PHISIQUE ARQUITECTURE

- e-procedures design and storage
- e-procedure engine
- semantic WS Registry
- document index
- performance data
- ontology services
- interpersonal facilities
- certificate authority

7 – TERREGOV AGENCY PROFILES

LEVEL 3 CONTROL CENTER

LEVEL 2 OWNS e-PROCEDURES

LEVEL 1 TAKE PART e-PROCEDURES

LEVEL 0 PURE WS

8 – TERREGOV MULTILINGUAL ONTOLOGIES (SOL)

- documents are indexed by the ontology
- normative concepts and relations occurred in service description
- OWL-S is the ontology for service descriptions
- semantic access of WS subsystem is based on this approach
- semantic registry and semantic binder

INTEROPERABILITY OF THE TECNOLOGICAL STORM

Jean Séverin Lair

Ministry of Economics & Finance – France

Serge Novaretti

European Commission IDABC

1 – European Interoperability Framework revision v 2.0– IDABC

a complete “set of tools, services and guidelines”

a common framework

2 – structuring

IDABC management committee

Group of experts

IDABC inter-service group

3 – 27 number states

23 community languages

Ministerial declaration in 19/09/2007

Actions

Cross boarder, cross setorial interoperability

Reduction of administrative burden

Inclusive e-govermenmt

Transpatency and democratic engagement

e-participatin and e-practice

intelligence is a organizational and semantic approach

principles

accessibility, security, subsidiary, open standards

defines organizational, semantic and technical interoperability

Provide oportunistis to external stakeholders to comment

Standardization bodies

Industries

Academy

THE ROLE OF e-Government interoperability for regions

EPMA – Czech Republic <http://own.ianis.net>

1 – Regions are large enough to overcome
the fragmentation of the local even

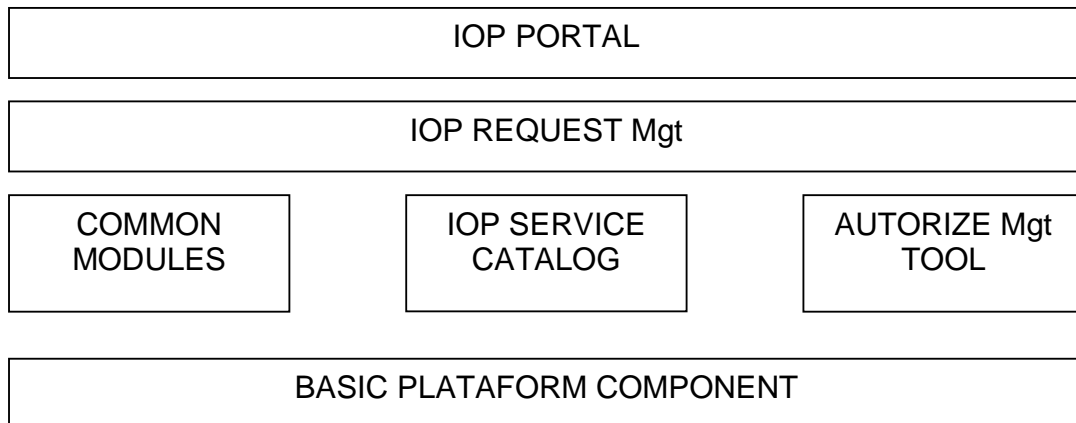
region are small to interoperate in all countries

is need to domain concepts of interoperability

2 – balance centralization for minimum standards
simplicity and efficiency

THE CATALAN INTEROPERABILITY MODEL

Sonia Carabante



1 – TECHNICAL OPERABILITY
LEGAL INTEROPERABILITY

2 –

WHO	Stakeholders	public employers
HOW	Committee	training sections

3 – Organizational impact

FROM people interoperability TO System interoperability

4 – Interoperability benefits

team work + open mind = simplification & reusability

e-Gov i-Gov t-Gov (tansformation)

INTEROPERABILITY PRODUCTS VS SERVICE

Plenary

F.Elle, ADULACT France

Benoit Muller, BSA, Belgium

Bernard Ourghalian, Microsoft France

1 – Normalization what for?

Allow concurrence in public markets

Ensure perenity of data

Prevent vendor lock-in

2 – Effects of open interoperability

separation between solution and services

permit easy data sharing

simulate collaboration

3 – Products vs Services

Why the question?

Two investments: location vs development

Two business model: rent vs added value

Mutual solution: from offer vs from demand

With open interoperability

Open source and proprietary system mixed architectures are possible

The better of two for the benefit of customer

Provide gradual acces for freedom

What is interoperability?

Not only functional notion

The free usage is crucial

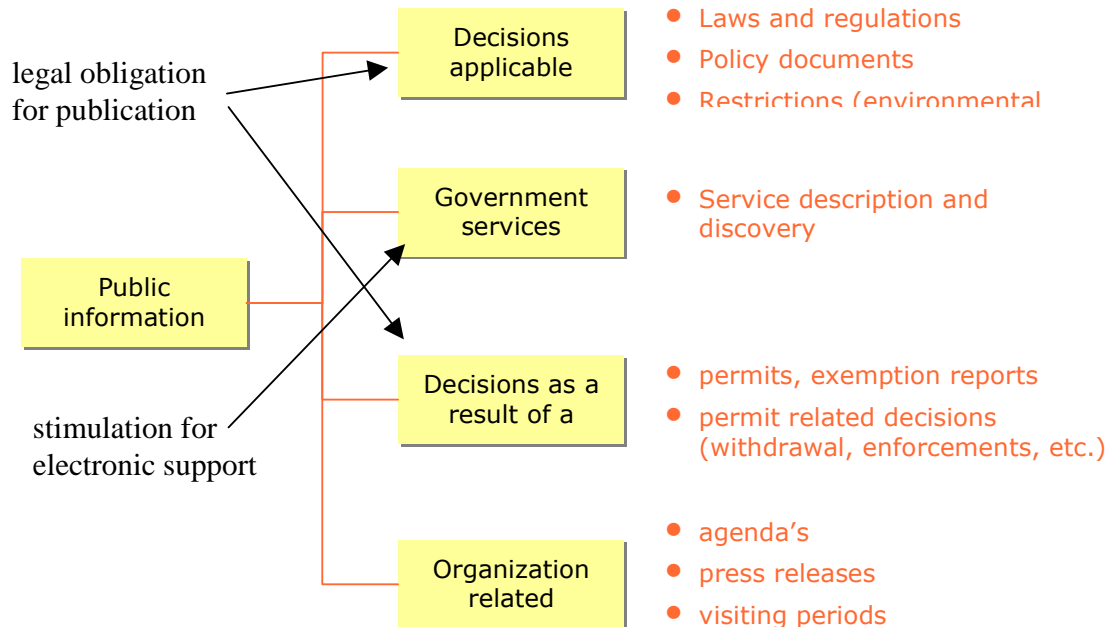
SEMANTIC WEB AND SERVICE DISCOVERY

Wout Hofman

TNO ICT Netherlands

Report of a study for the dutch Government

1 - Public Information



Most information is stored in information systems
Organization related in formations

2 – Structure

document centric

search engine

multi channel service request (the same information is accessed by any format, email, web etc)

3 – guidelines for use metadata

www.advies.overheid.nl/metadatatocdocumentatie/

search engine

www.overheid.nl

4 - service description and discovery

WSMO

No guidelines for ontology

Still applicable to WS

5 – Search and retrieve

NLS (Natural language solutions)

Ontology web language (OWL)

Gov services specify ontology by WSO

6 – Methodology

specification a service: data document metadata

the service provide needs to be selected

search result

quality of services

data and docts

laws and regulations

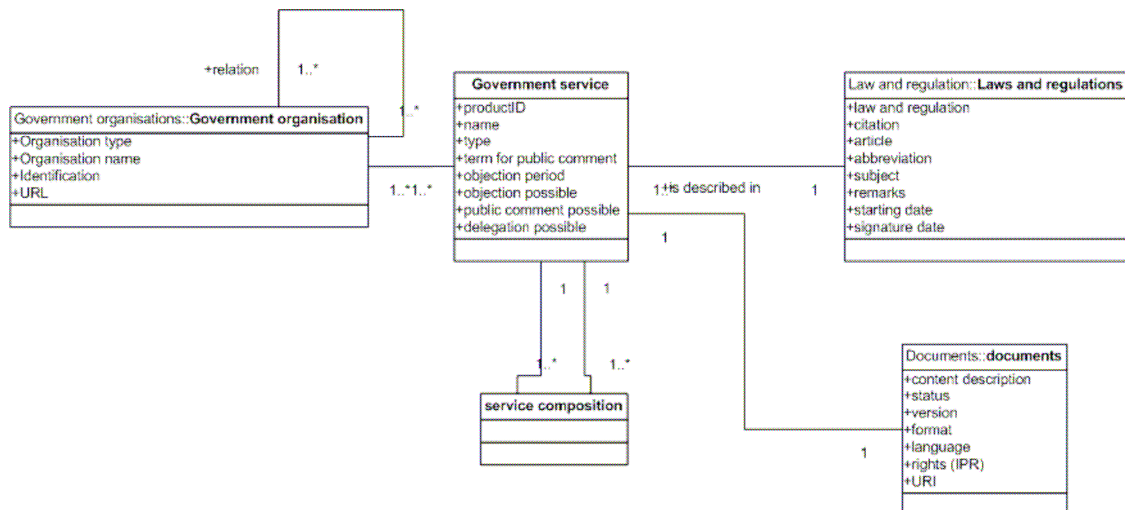
the ability of representation

reference data (UML class diagram)

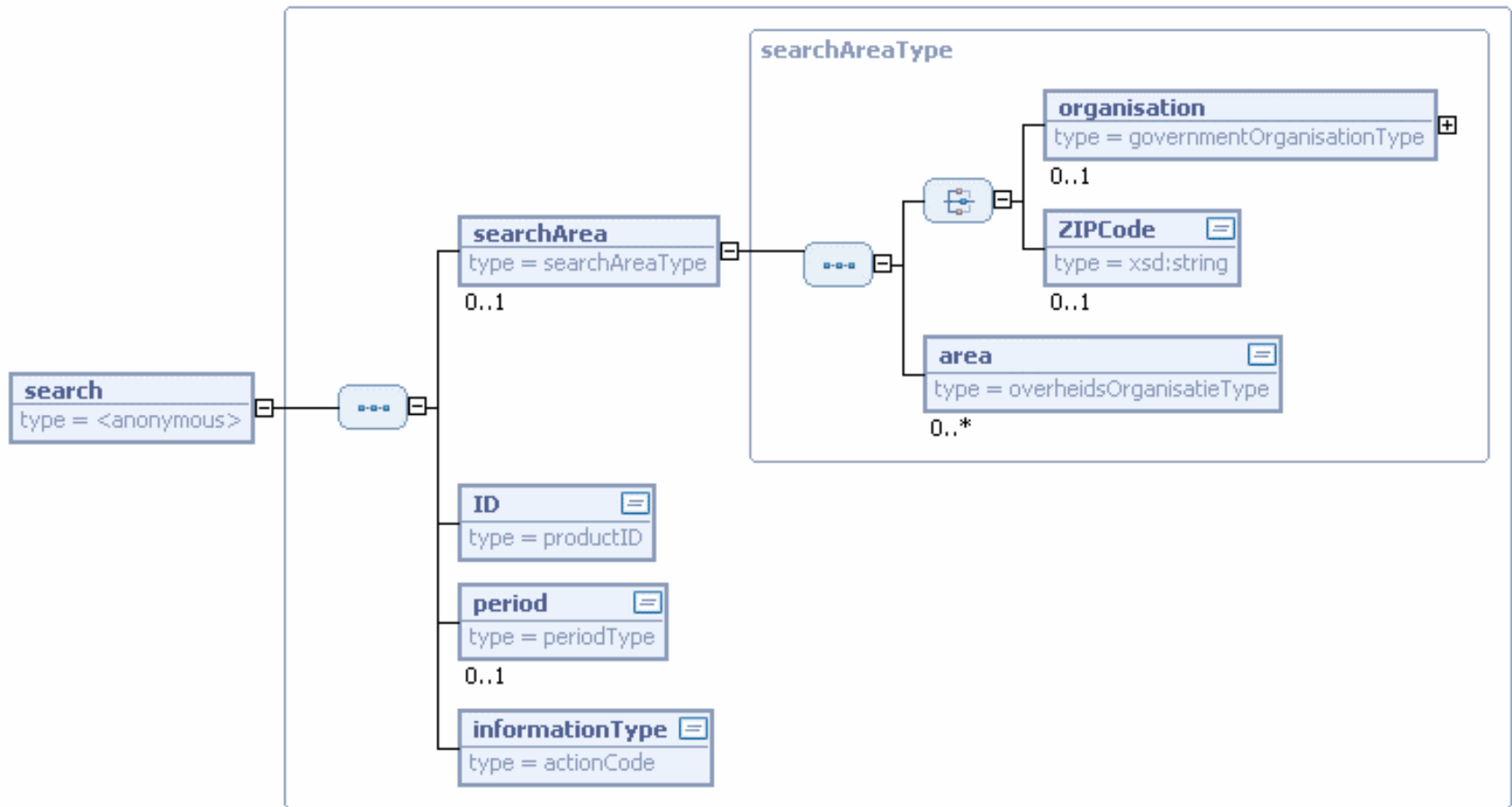
7 – Gov services can specify an ontology for WS as part of WSMO

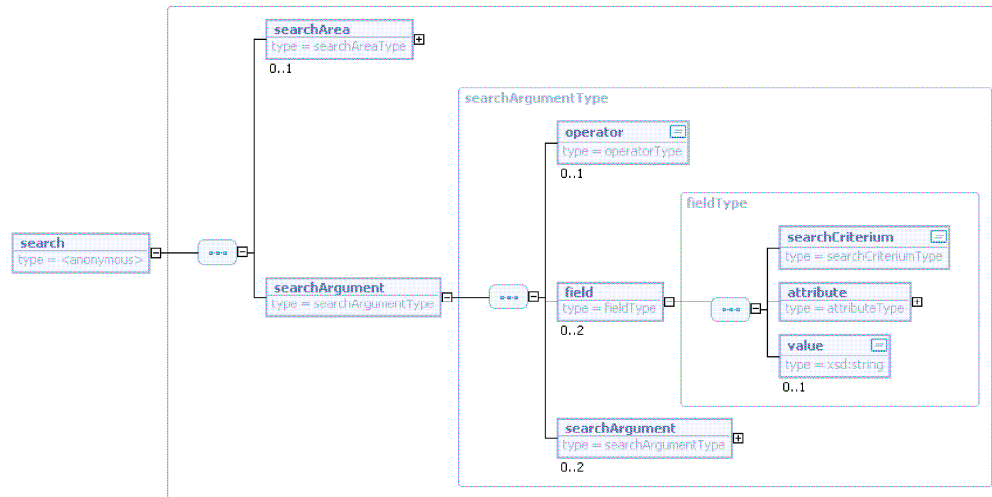
NLS can be used to retrieve information

A conceptual model for all relationship information

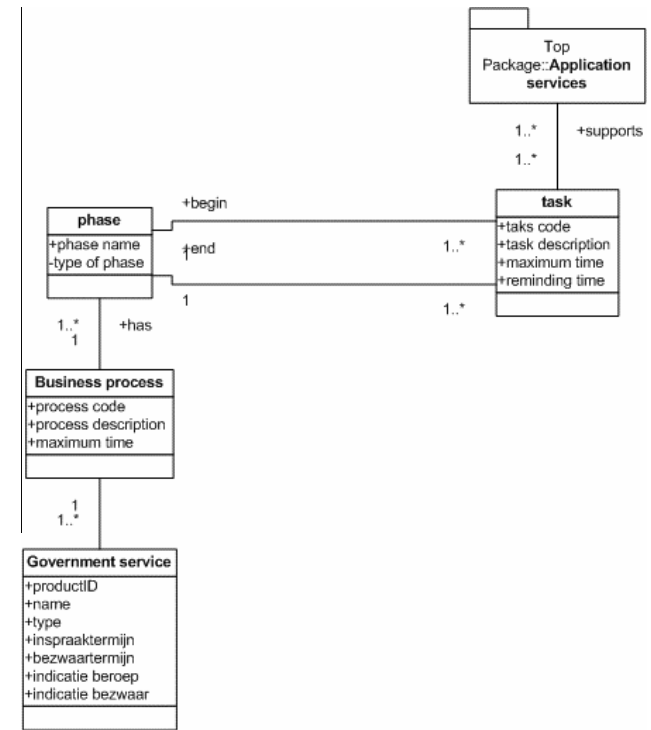


search area





Relation with BPMn v2.0



a generic search structure

ORGANIZATIONAL INTEROPERABILITY

Herbert Kubicek - Germany

<http://epractice.eu>

WHO?

User expert
Governance

WHAT

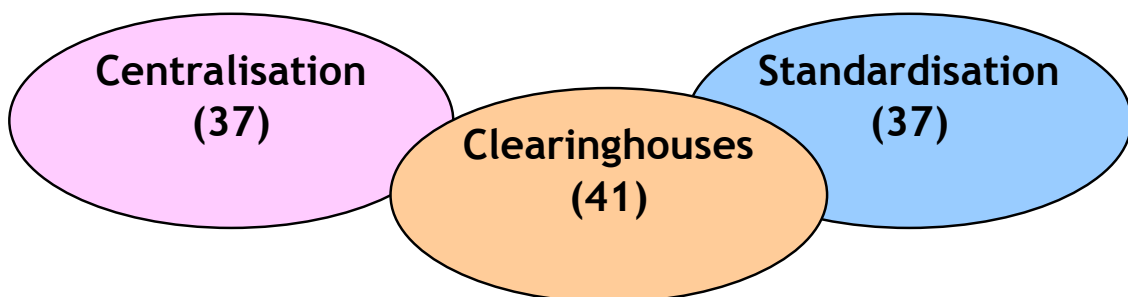
Organizational
Semantic IOP
Syntactic IOP
Technical IOP

OFFICES

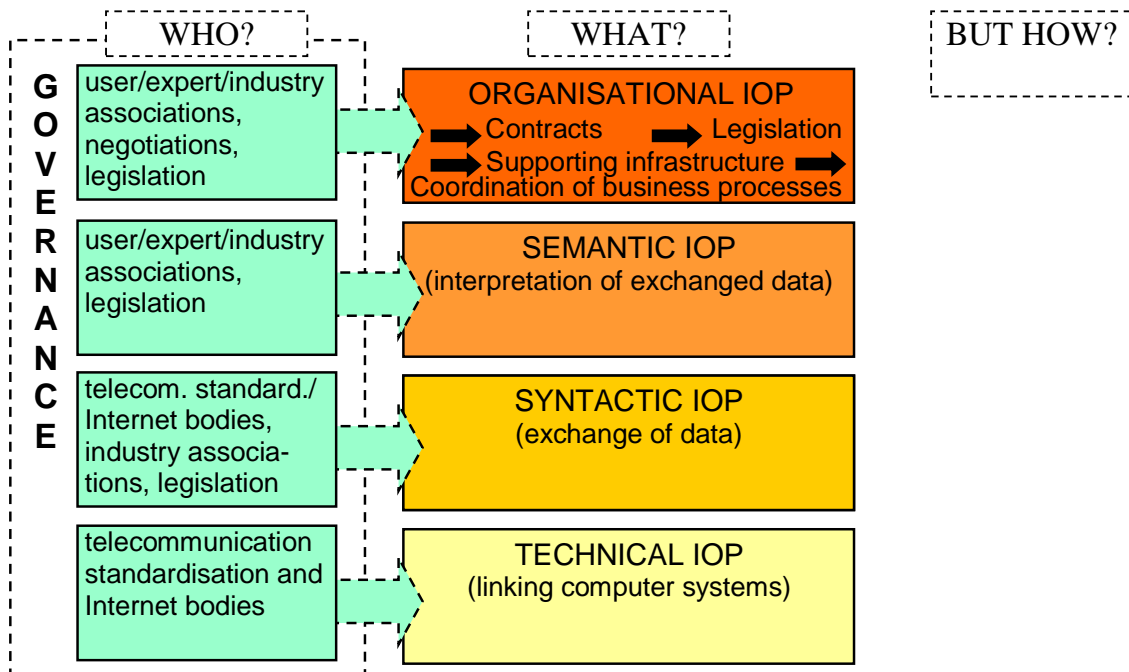
Centralisation of back-offices by placing them under one common management, as well as by integrating data bases

Clearinghouse as an additional element between existing offices to provide services such as the routing of forms, conversion of data exchange formats, integration of databases, etc

Direct bi-lateral or direct multi-lateral communication based on **standardised inter-organisational workflows**



There is no pure model of Centralisation or Standardisation, rather mixed models are the reality. The more centralised functions, the less standardisation we have and vice versa



INTEROPERABILITY CONSULTING SERVICE (ICS)
A consulting support to address interoperability organizational challenges
 Keravel – TERREGOV

- e-GIC
- Define e-Services
- Identify stakeholders
- Check legal issues and information modeling
- Finance implementation and change manage programe
- Implement operating transformations (more difficult)
- Technical implementation

ICS is a WS providing an interview guide to implement service

20 partners integrated projects 20 million euros

e-GOV INTEROPERABILITY IN EUROPEAN PROGRAMMES

Mr Adiba – Ministry of Education France

Soll Gruber Unit of Thematic Development

Unger – CIP Operations Unit

Plenary

1 – 2007 7o. PCRDT

1.114 Project

13.864 participations

4.660 partners

50 bi euros

Cooperation programme in TI 9,1 bi

Integration system 434 million

Service e software architecture infra abr 2007 120 million

ORGANIZAÇÃO DO EVENTO:

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