



#SRCONF17

SHARING & REUSE CONFERENCE 2017

Solving the European IT puzzle together

29 March 2017 – Lisbon, Portugal



Technology Transfer Centre, the reuse of public sector solutions in the Spanish administrative context

MINISTRY OF FINANCE AND PUBLIC FUNCTION

General Secretariat for Digital Administration

<http://administracionelectronica.gob.es/ctt>

<http://github.com/ctt-gob-es>



Twitter: @obsae



State



- 13 Departments
- 138 Autonomous Agencies

Autonomous Communities (Regional level)



- 17 Autonomous Communities (Regions)
- 2 Autonomous cities

Local Entities



- 8.116 municipalities
- 41 County councils
- 10 Chapters and Councils (islands)

Is sharing and reuse needed?



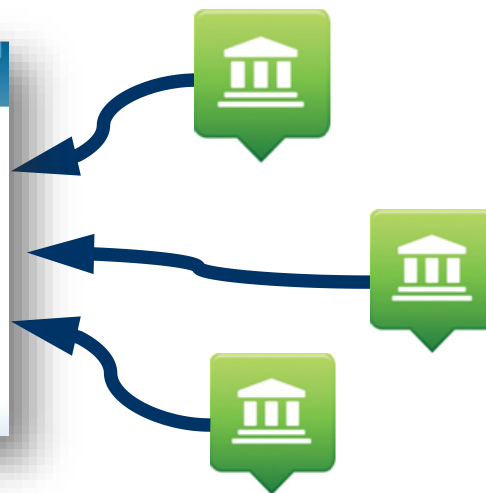
Some competencies are specific of each authority others are shared.



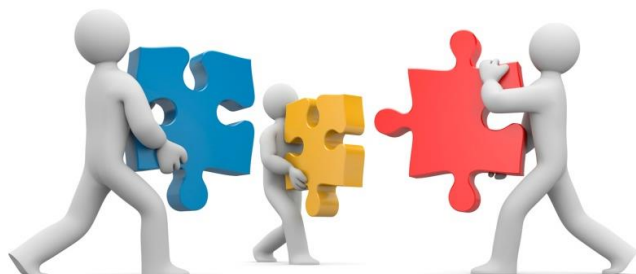
- ★ Public Administrations (P.A.) should share their own applications when they are asked for them.
- ★ These applications can be declared open source.
 - Any open source license is possible
 - Specially recommended EUPL
- ★ The State provides core digital services for all P.A. whose reuse (or interoperable interconnection) is in some cases compulsory.
- ★ P.A. should keep directories of reusable solutions.
- ★ The State directory, the technology transfer centre, provides access to all of them.
- ★ Before doing something new, P.A. should check if there is something similar in the CTT.



- ★ The Technology Transfer Centre CTT publishes a general directory of reusable IT solutions interesting in the area of e-government.
- ★ Its objective is to boost the provision of interoperable e-government services.
- ★ CTT Forge (integrated in GITHUB) allows the collaborative development of public sector applications



- ★ The concept of reusable “solution” may refer to:
 - **ICT Developments** implemented by a public administration whose source code and related information is offered to other administrations.
 - **Common services:** available to any public body or administration with the aim to simplify e-government implementation of new services and foster interoperability.
 - **Semantic Assets:** defined data models, interfaces and code lists.
 - **Recommendations, policies, methodologies, legislation, agreements** linked to e-Government and interoperability.
- ★ A solution is a group of descriptive information pages, downloadable documents and files, news, related links, other related solutions, etc.



1 – Consider the legal provisions

- ★ The Spanish Law 11/2007 **Citizens Electronic Access to Public Services** included the first requirements for reuse in public administrations (articles 45 and 46)
- ★ This requirements were extended by Royal Decree 4/2010 Regulating the **National Interoperability Framework** (articles 16 and 17)
- ★ The new law 40/2015, **legal framework of public sector**, updates these requirements (articles 157 and 158). It entered into force the 2nd October 2016



http://www.boe.es/legislacion/codigos/codigo.php?id=029_Codigo_de_Administracion_Electronica

2 – Build coordination mechanisms

State

- Commission for the ICT Strategy
- Standing Commission for the TIC Strategy
- ICT Steering Committee
- Department Commissions
- Technical Working Groups

Universities

State + Regional + Local

- Sector Conference for Public Administrations
- Sectorial Committee for e-government
- Technical Working Groups



More than 300 experts with different professional profiles (managers, ICT, legal, archives, etc.)

3 – Populate the repository

- ★ All Public Administrations can be providers
- ★ Each solution, should be autonomous and independent
- ★ Build **relationships** between each solution
- ★ For each solution, provide as many **public contents and information** as possible
- ★ Provide **guidance** for this process
 - Guide for the publication and licensing of assets [\(1\)](#)
- ★ **Federate with other repositories**
 - CTT is federated with regional repositories.
 - CTT is federated with joinup

Generalitat
de CatalunyaGovern
de les Illes Balears
programari lliure

FORXA MANCOMUN

joinup

(1) <http://administracionelectronica.gob.es/PAe/NTinteroperabilidad#REUTILIZACIONYTRANSFERENCIA>

Reuse as a service?

Reuse as a product?



BOTH !!!!

★ Each solution should offer both models:

- Product for organisms that need independency or personalization
- Product for bigger organisms to provide service for many smaller entities (such as county councils or regions for small local entities)
- Service for core e-government building blocks
- Service specially for smaller organism

- ★ The CTT provides the **repository for reusable solutions** for all the Spanish public administrations.
 - **Nearly 350 reusable solutions** and federates more than 250 additional solutions.



- ★ The **CTT is for every public administration**. They can:
 - **Benefit** from the existing solutions.
 - **Collaborate and contribute** to their maintenance.
 - **Provide** new reusable solutions.



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Thank you

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CTT cofinanciado con Fondo FEDER

En el Programa Operativo de Economía basada en el Conocimiento, en las comunidades autónomas de Andalucía, Asturias, Castilla-La Mancha, Extremadura, Galicia, y Región de Murcia, así como en Ceuta y Melilla. Y en los respectivos Programas Operativos Regionales de Competitividad en las comunidades autónomas de Aragón, Cantabria, Illes Balears, La Rioja, Madrid y Navarra.



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