



*Interoperability Solutions
for European Public Administrations*

Interoperable Services for Public Administrations

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European Commission



EUROPEAN COMMISSION

Monday, November 29, 2010

Directorate-General for Informatics

What is eGovernment....?

...is a tool to become:

more open and transparent,

more service-oriented,

productive



Interoperability



No ICT is isolated

Interoperability: "the ability of diverse organisations to interact toward common goals, involving the sharing of information and knowledge via the business processes, by means of the exchange of data between (ICT) systems"

**Based on
agreements**

**Not ad-hoc
Not unilateral /
bilateral**

Shared value





Interoperability levels

Cooperating partners with compatible visions, aligned priorities, and focused objectives

Political Context

Aligned legislation so that exchanged data is accorded proper legal weight

Legal Interoperability

Legislative Alignment

Coordinated processes in which different organisations achieve a previously agreed and mutually beneficial goal

Organisational Interoperability

Organisation and Process Alignment

Precise meaning of exchanged information which is preserved and understood by all parties

Semantic Interoperability

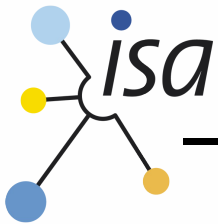
Semantic Alignment

Planning of technical issues involved in linking computer systems and services

Technical Interoperability

Interaction & Transport

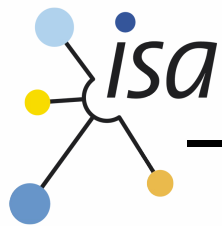




The ISA Programme

- **Interoperability Solutions for European Public Administrations (ISA)**
- **Decision N° 922/2009/EC of the European Parliament and of the Council - OJ L 260/20, 03.10.2009**
- **2010-2015, overall budget 164 million euros**
- **Commission driven, implemented in accordance with Community public procurement rules**
- **To be seen in the context of EU2020; the digital agenda for Europe and the European eGovernment Action plan 2011-2015**





Objective

To support cooperation between European public administrations, including local and regional administrations

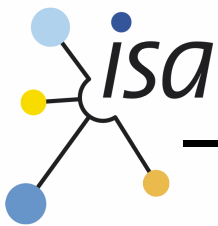
By facilitating efficient and effective cross-border and cross-sectorial interaction,

Enabling the delivery of electronic public services supporting the implementation of Community policies and activities.

For that purpose, to provide common and shared solutions facilitating interoperability



- **Technological neutrality and adaptability**
- **Openness**
- **Reusability**
- **Privacy and protection of personal data**
- **Security**



Activities

The programme supports and promotes:

- Common frameworks
- Common services
- Reusable generic tools
- Assessment of ICT implications of EU legislation

Through:

- Studies
- Projects
- Accompanying measures



- **Actions must comply with the requirement specified in the ISA Decision - i.e. be**
 - Based on a concrete business case
 - Linked to EU policy initiatives
 - Of general interest, meeting common user requirements
 - Of cross-border and cross-sector nature
- **Priority is given to actions falling with the activity clusters defined by the European Interoperability Strategy**



European Interoperability Strategy

EIS - Clusters of activities

Trusted information exchange

- Semantic interoperability
- Information availability and usage
- Trust and privacy
- Catalogue of services

Interoperability architecture

- Interoperability architecture
- Expertise support and methodologies

ICT implications of new legislation

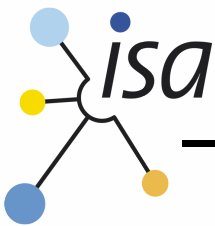
- National and cross-border sector-specific legislation sustainability

Accompanying measures

Inter-
operability
Awareness

Sharing
best
practices
using
Collaboration
platforms





OPEN SOURCE Software – how does it fit to interoperability and ISA?



Why - and when - is it a good idea for public administrations?





One instrument – OSOR.eu

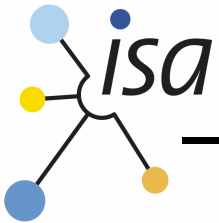


Objective: Cooperation and sharing

Instrument: platform to share OSS code and best practice

Strategy: not to reinvent, but to collaborate and re-use available networks.





Main services



Information platform

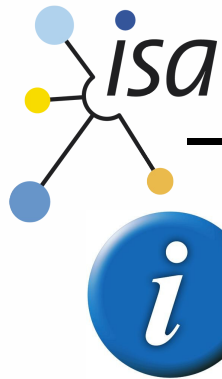


Repository



Collaboration platform





Main services

Information platform



news and events



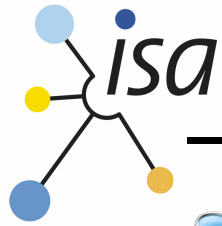
newsletter



studies

A screenshot of the OSOR.EU website. The header features the OSOR.EU logo, navigation links (Home, Forge, My page, Projects, News, Studies, EUPL, Communities, Events), and a search bar. The main content area includes a banner with the OSOR.EU logo and the text: "Develop your solutions collaboratively, Share your best practices with others, Re-use open source applications, helping public administrations to Develop, Share and Re-use". Below this is a section titled "OSOR.eu - Open Source Observatory and Repository" with a brief description. To the right is a "Register Your Project" box with statistics: "OSOR forge currently hosts 185 projects and you can search 2319 projects". Below the main content is an "OSOR News" section with two news items: "BE: Political party moving to a complete open source desktop" and "EU: International team developing open source hospital information system". On the right side, there are two more boxes: "OSOR Communities" listing "OpenOffice.org in public authorities" and "EUPL: Matija Šuklje, coordinator of the FSFE Fellowship group Slovenia analyses the licence".





Main services



Repository



Project search



Hosting



Virtual forge

OSOR.EU

Register | Contact us | Legal Notice | About us

Log in • Generic [] Search

Home | Forge | My page | **Projects** | News | Studies | EUPL | Communities | Events |

You are here: Home → Projects → Search projects

Find Open Source software for your administration

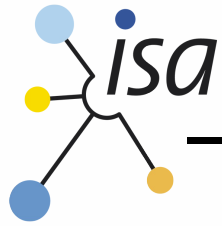
You can search for 2319 FLOSS projects hosted by the OSOR.eu Repository or one of the [federated national forges in Europe](#). The search engine uses the machine translation service of the European Commission to make searchable, and present all project descriptions in English. To start the search, specify one or more search terms or select a category. If you would like to see the whole list of projects please [click here](#).

Search by keyword

For a simple text search, enter your search term here. Multiple words may be found by combining them with **AND** and **OR**. The text in this field will be matched with projects' contents, title, description and tag.

Top Project Downloads	Recently registered	Most active this week	Most active all time	Top Federated Forges	
SEXTANTE	75592 test-pjct-	(9/9)	ximdex, open	Forja de Rediris	630
gvSIG desktop	67072 XXXX		gvSIG source Semantic	Adullact	478
WollMux	36508 gvSIG	(8/27)	desktop CMS	Forja de la junta de Andalucía	234
Interfaçage	Fonsagua		RIVTA	Morx de Mancomun	200
AgréGée v1.8	9103 diara	(8/23)	gvSIG mobile	OSOR	185
2009-2010	medical	(7/31)	gmvictu	LaFarga.cat	177
gvSIG-Network-Analysis	4349 gvSIG-geom	(7/30)	PEPPOL WollMux	Morfeo-Forge	126
			Standard-Client	CTT *	114





OSS projects at OSOR.eu

200 registered projects (and 2200 federated) today - all searchable in English

Easy to understand summary on each project



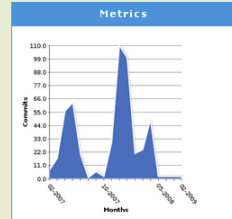
Home | Forge | My page | **Projects** | News | Studies | EURL | Communities | Events |

You are here: Home → Projects → gvSIG desktop

Quick view

License: GNU General Public License (GPL)
Home Page: gvSIG-desktop.forge.osor.eu

Repository: forge.osor.eu/projects/gvsig-desktop
Community: GIS/SDI Software Community
Downloads: 67072



Rating

Login or register if you want to rate the project

★ ★ ★ ★ ★

Average Rating:
5.0 (2 Votes)

[Review the project](#)

gvSIG desktop

by Administrator — published on Jun 30, 2009
— Project categories: End Users/Desktop, Developers, Production/Stable, Scientific/Engineering, GNU General Public License (GPL), English, Spanish, Linux, Windows NT/2000, X11 Applications, Win32 (MS Windows), GIS/SDI Software Community, OS Independent, Java

Description

gvSIG is a Geographic Information System (GIS), that is, a desktop application designed for capturing, storing, handling, analyzing and deploying any kind of referenced geographic information in order to solve complex management and planning problems.

gvSIG is known for having a user-friendly interface, being able to access the most common formats, both vector and raster ones. It features a wide range of tools for working with geographic-like information (query tools, layout creation, geoprocessing, networks, etc.), which turns gvSIG into the ideal tool for users working in the land realm.

gvSIG is known for:

- integrating in the same view both local and remote data through OGC standards.
- being designed to be easily extendable, allowing continuous application enhancement, as well as enabling the development of tailor-made solutions.
- being open source software, under GNU/GPL license, which allows its free use, distribution, study and improvement.
- being available in several languages (Spanish, English, German, French, Italian,...)
- being developed using Java, and being available for Linux, Windows and Mac OS X platforms
- Display: zooms, panning, frames, ...
- Query: information, area and distance measurement,...
- Selection: by point, by rectangle, by polygon, by theme, alphanumeric search,...
- Geoprocessing: buffer, intersection, clip, join, convex hull, ...
- Editing: add features, alphanumeric editing, rotate, node editing,...
- Catalogue and nomenclator services
- Redes: camino mínimo, área de servicio, gestión de paradas,...
- Topology: topological error fixing, polygons from lines, ...
- Legend: unique values, intervals, symbology constructor, ...
- Advanced labelling
- Raster and remote sensing: dispersion diagrams, colour tables, filters, classification,...
- Tables: links, joins, statistics, fields calculator,...

Contributors

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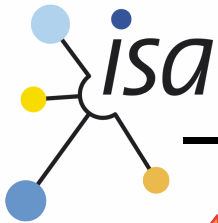
Download

Download it!

Similar projects

gisEIEL, SDIAnalyzer, SEXTANTE, Space Trajectory Analysis, GRASS GIS, Open Monitoring and Control Framework, EDUSIG, gelat, gvSIG-sandbox, catalogconnector, gvsig-graphlegend, GearScape, CatMEDit - metadata editor, IGRIAM, NavTable, OrbisGIS





Main services



Collaboration platform



Project workspaces



Communities of interest

The screenshot shows the gvSIG website interface. At the top right, there are links for 'site map', 'accessibility', and 'contact', along with a search box. A navigation menu includes 'home', 'organization', 'user documents', 'downloads', and 'noticias'. The main content area is titled 'gvSIG desktop' and includes a 'Description' section. The description states: 'gvSIG is a Geographic Information System (GIS), that is, a desktop application designed for capturing, storing, handling, analyzing and deploying any kind of referenced geographic information in order to solve complex management and planning problems. gvSIG is known for having a user-friendly interface, being able to access the most common formats, both vector and raster ones. It features a wide range of tools for working with geographic-like information (query tools, layout creation, geoprocessing, networks, etc.), which turns gvSIG into the ideal tool for users working in the land realm.'




On the right side of the screenshot, there is a vertical list of logos for various organizations and events, including 'gvSIG association', 'ACTUALIDAD 2010 CONFERENCE', '1ª Jornadas Brasileiras de gvSIG', '2ª Jornadas de la Iberoamérica del Sur de gvSIG', 'FOSS4G 2010 Barcelona', 'OSGeo (Open Source Geospatial Consortium)', and 'OGC (OPEN GEOSPATIAL CONSORTIUM)'. Below these logos is a 'noticias' (news) section with the following items:

- 1as Jornadas Brasileiras de gvSIG: Programa provisional
- gvSIG Mini for Android 1.0.0 released
- Ampliación del plazo de recepción de propuestas para las



Tutorials
 Tutorials

EUPL community

-  EUPL
-  Forums
-  The Blog

My Community:

Login or register if you want to join the community

Members:
Facilitators:

Patrice-Emmanuel Schmitz
Szabolcs Szekacs

Latest Members to Join:

Kuckartz Andreas
Morten Kristoffer Hansen
Fredrik Lind??n

EUPL, Open source licensing, Legal questions

by Administrator – published on Feb 15, 2009

The licence is the legal instrument allowing you to use, check, modify and distribute free/open source software (F/OSS or FLOSS). The European Union Public Licence (EUPL) is certainly one of the preferred licences on OSOR, but it is not the only one: you may use any other "OSI approved" licences (about 60 models, including the GPL, LGPL, BSD, Apache, Artistic etc.). The aim of this community is to address your questions related to F/OSS licensing and to clarify legal issues, based on questions received by the OSOR team.



Welcome to all of you! In order to contribute to this EUPL community, you need to be a registered user of OSOR. This is very easy: if you are not

yet registered please do so by following the link [here](#).

Then subscribe to the EUPL community by clicking on the icon on the Portlet "My Community" 

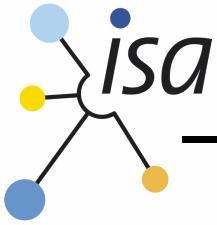
The blog of the EUPL community

-  Is "royalty-free" for free?
Oct 21, 2010
-  A case study on fair procurement for FLOSS in Italy
Oct 15, 2010
-  A bug in the European license?
Oct 14, 2010
-  The Estonian Interoperability Framework adopts the European Licence
Sep 28, 2010
-  Matija Suklje, coordinator of the FSFE Fellowship group Slovenia analyses the licence
Jul 28, 2010

[More...](#)

Latest news highlighted for the EUPL community

-  EU: Legal experts to discuss laws and procurements on open source
Oct 20, 2010
-  EE: Government publishes open source policy and starts repository
Sep 28, 2010
-  IT: Italian regional administrations republishing proprietary software as



Can I use OSOR?

✓ No registration required to gather information



10 principles → to publish a project on OSOR or to open up a virtual forge

...“your project has to be open source...”

...“it has to be funded by a public administration...”





„What’s in it for me?”

Benefits for users

- Save time and money by reusing eGov applications
- Get legal and practical guidelines
- Participate in communities
- Be up-to-date, get OSS related content

Benefits for contributors

- Visibility
- Focus on your project (*rather than solving technical problems*)
- Collaborate with others





References

- **ISA Programme**
<http://ec.europa.eu/isa>
- **ISA Decision**
<http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2009:260:SOM:EN:HTML>
- **European Interoperability Strategy**
<http://ec.europa.eu/idabc/en/document/7772>
- **European Interoperability Framework**
<http://ec.europa.eu/idabc/en/document/7728>
- **OSOR.eu**
<http://osor.eu>
- **EUPL**
<http://osor.eu/EUPL>

