



The gvSIG Project

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1. gvSIG's beginning

gvSIG was born in 2004 at the Regional Ministry of Infrastructures and Transport (CIT) of Valencia (Spain).



CIT started a full open source computer system migration called gvPONTIS, including the GIS/CAD tools.



1. gvSIG's beginning

There was no advanced FOSS for GIS management to replace closed source GIS tools. At 2004:

Grass ----> Not intuitive graphical interface, most raster oriented

JUMP ----> Not powerful enough

So, CIT took the decision to start developing a GIS product called gvSIG.



Wasting on licences of private software,



Invest money on a FOSS tool

1. gvSIG's beginning

Two main products were developed as local projects:



gvSIG Desktop (PCs/indoor) and

gvSIG Mobile (mobile devices/outdoor)

gvSIG wanted to cover all needs of GI technical experts.

Both were delivered as **GPL/GNU applications**, for free download of binaries, source code and user documentation.

1. gvSIG's beginning

The answer from users was big enough in order to think on the evolution of the project:



Several FOSS projects **ended before starting** (grants),



CIT wanted to promote the **continuity of the project**

gvSIG wants to apply FOSS philosophy by a global vision,

where technical,
economic and
political aspects

are important!

**FOSS is not only
sharing source code!!!**

1. gvSIG's beginning

The clue is based on having a **solid Community** around gvSIG...



The key is the
gvSIG community

But,
**What does
community mean?**

Developers? Users?

1. gvSIG's beginning

How to build a **solid community** around gvSIG?

The gvSIG team started to work in order to:



Convert acquired knowledge into sharing knowledge,



Working under the main idea:

“give 100 and asking for 10”



Avoiding that sharing knowledge will be closed again in the future (GPL license, publishing manuals, tutorials, presentations, etc.)

1. gvSIG's beginning

How to build a **solid community** around gvSIG?

On the technical side modularity and internationalization were the two main bets:



Modularity in order to make the collaborations easier and to have a scalable software,



Internationalization to enable translation management, because in FOSS location is really important.

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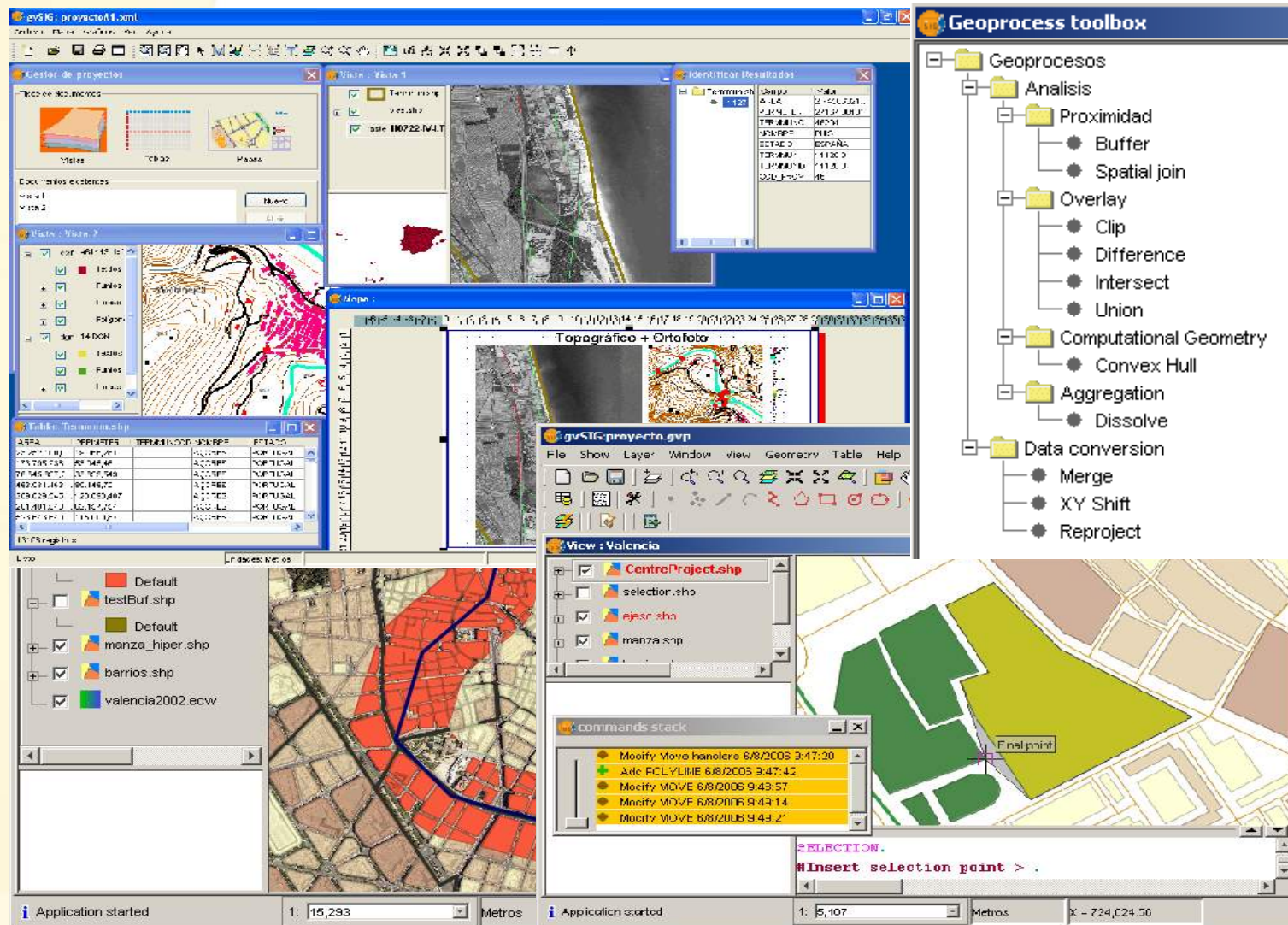
5. Video demos

2. gvSIG at a technical glance

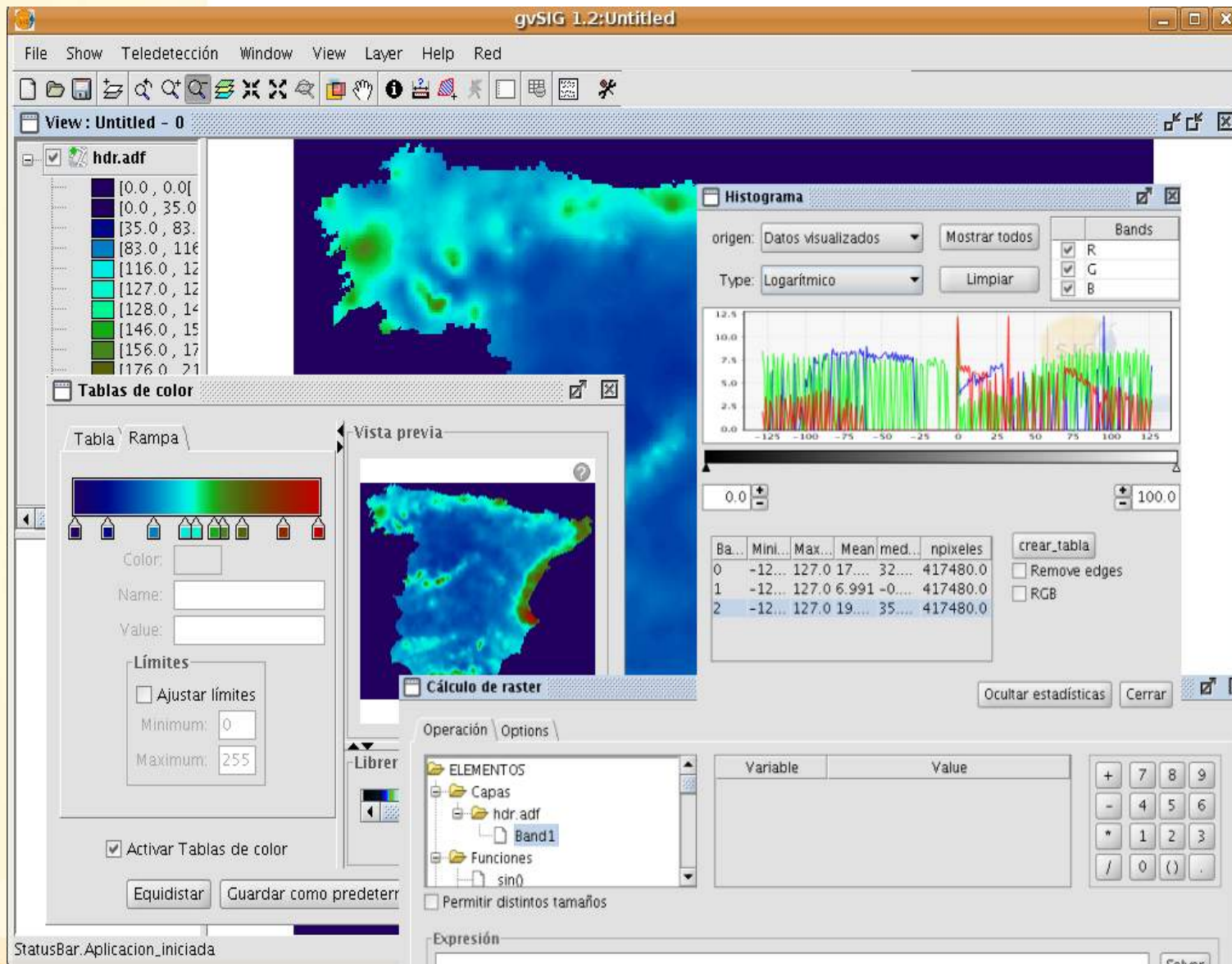
gvSIG Desktop is nowadays one of the most complete FOSS applied to GI management. It includes GIS as well as SDI features. It is available on more than 24 languages.

- GI viewer: several formats, CRS
- map representation: symbols and labelling
- geoprocessing
- printing outputs
- creating and updating data
- image processing and remote sensing support
- Metadata management
- SDI access: wms, wfs, wcs, wps, ...
- SDI outputs with Mapserver or Geoserver
- 3D GIS: planar and globe views
etc.

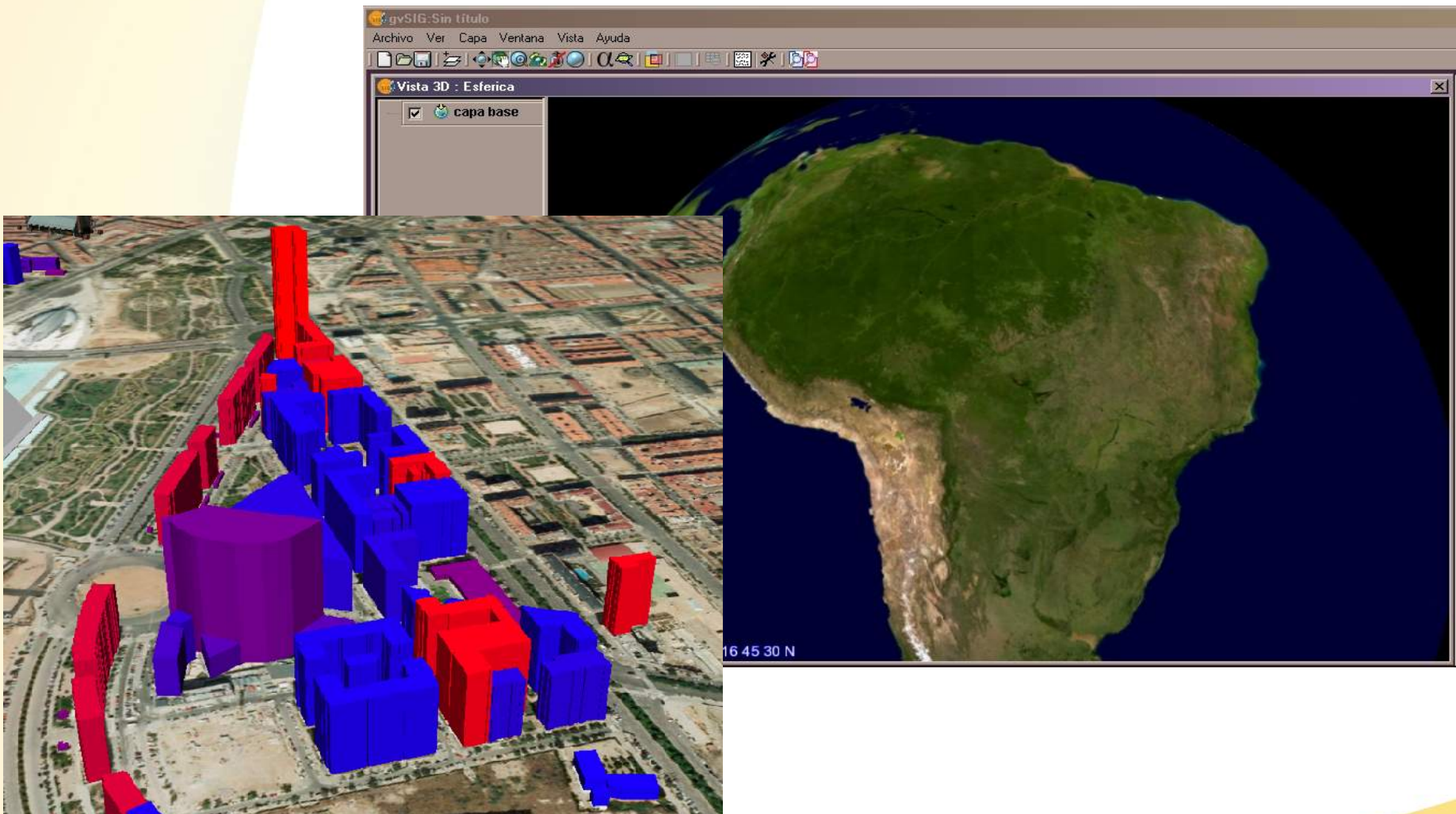
2. gvSIG at a technical glance



2. gvSIG at a technical glance



2. gvSIG at a technical glance



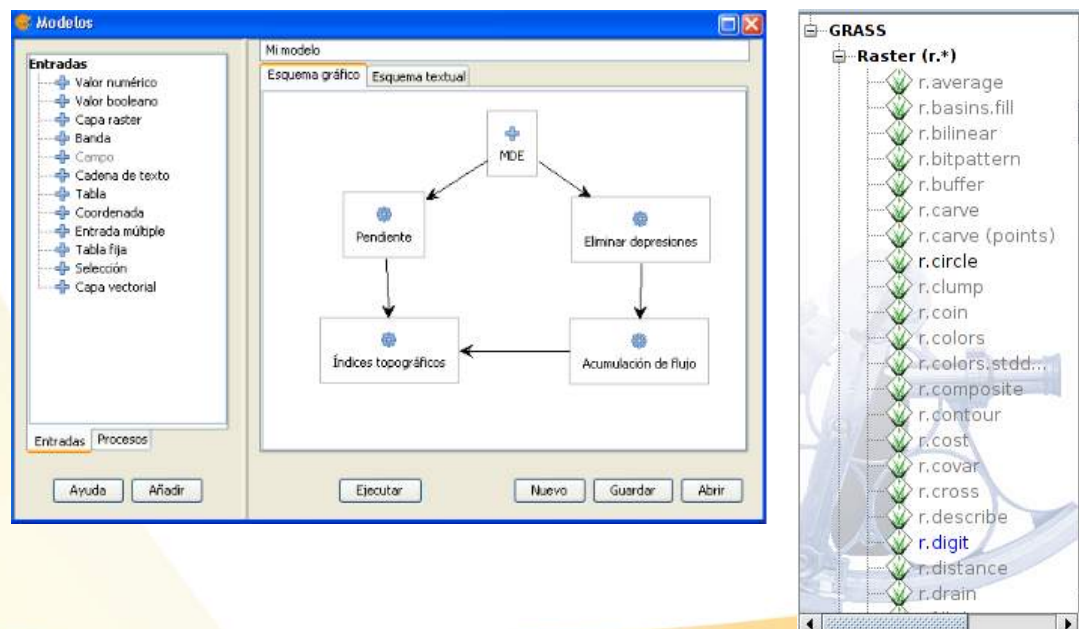
2. gvSIG at a technical glance

Integration to other FOSS4G projects:

☕ **Mapserver** and **Geoserver**: publishing web services directly from gvSIG views

☕ **Grass**: access to all its features on the gvSIG view

☕ **Sextante**: more than 200 features, geoprocess modeller



2. **gvSIG at a technical glance**

gvSIG Mobile enables GIS experts to work outside the office for updating information and then, synchronizing to gvSIG Desktop. It is translated into 9 languages.

- GI viewer: several formats, CRS
- map representation: symbols and labelling
- GPS support: manual and automatic
- creating and updating GI
- Selecting and filtering data
- SDI access: wms

gvSIG Mini is a map viewer that read raster tiles from diferents data services: wms, OSM, Googlemaps, etc. It can also find POIs and Routes from or to that POIs.

2. gvSIG at a technical glance



2. gvSIG at a technical glance



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3. gvSIG Association

The gvSIG project had a **fast evolution from 2004 - 2009:**

Community of **users**



Community of **developers**

Cluster of **SMEs**



A **Collaborative Infrastructure** was needed and a **Professional Structure** to have a stable organization.

3. gvSIG Association

The gvSIG Association was born at 2009.

Association for the promotion of the FOSS4G and the development of gvSIG.



www.gvsig.com

Main goals:



- Promote Free and Open Source Software for Geomatics
- Development of gvSIG

3. gvSIG Association

Association for the promotion of the FOSS4G and the development of gvSIG. But, how?

Promoting the development of a ***new business model*** based on cooperation and shared knowledge, creating a wide community net working on gvSIG.



Part of the benefits from these business activities will be back into the gvSIG Project.

3. gvSIG Association

The gvSIG Association wants to:

Help to build a **competitive industrial fabric** (worldwide net of SMEs) with technological independence for its members,

Find a common area for Universities – Public Administrations – SMEs, to **generate synergies to promote the benefit of all of them**,

Build a development model for gvSIG based on the **generation of wealth and self-sustaining** (instead of asking for grants).



3. gvSIG Association

The gvSIG Association has:

Members --->    
 

nowadays 6, which 4 of them are founding members.

Collaborators ---> 42, from 10 different countries.

Honour members ---> 32 from Universities, Regional Ministries, R&D centers, Laboratories, Technological Institutes, ...

3. gvSIG Association



3. gvSIG Association

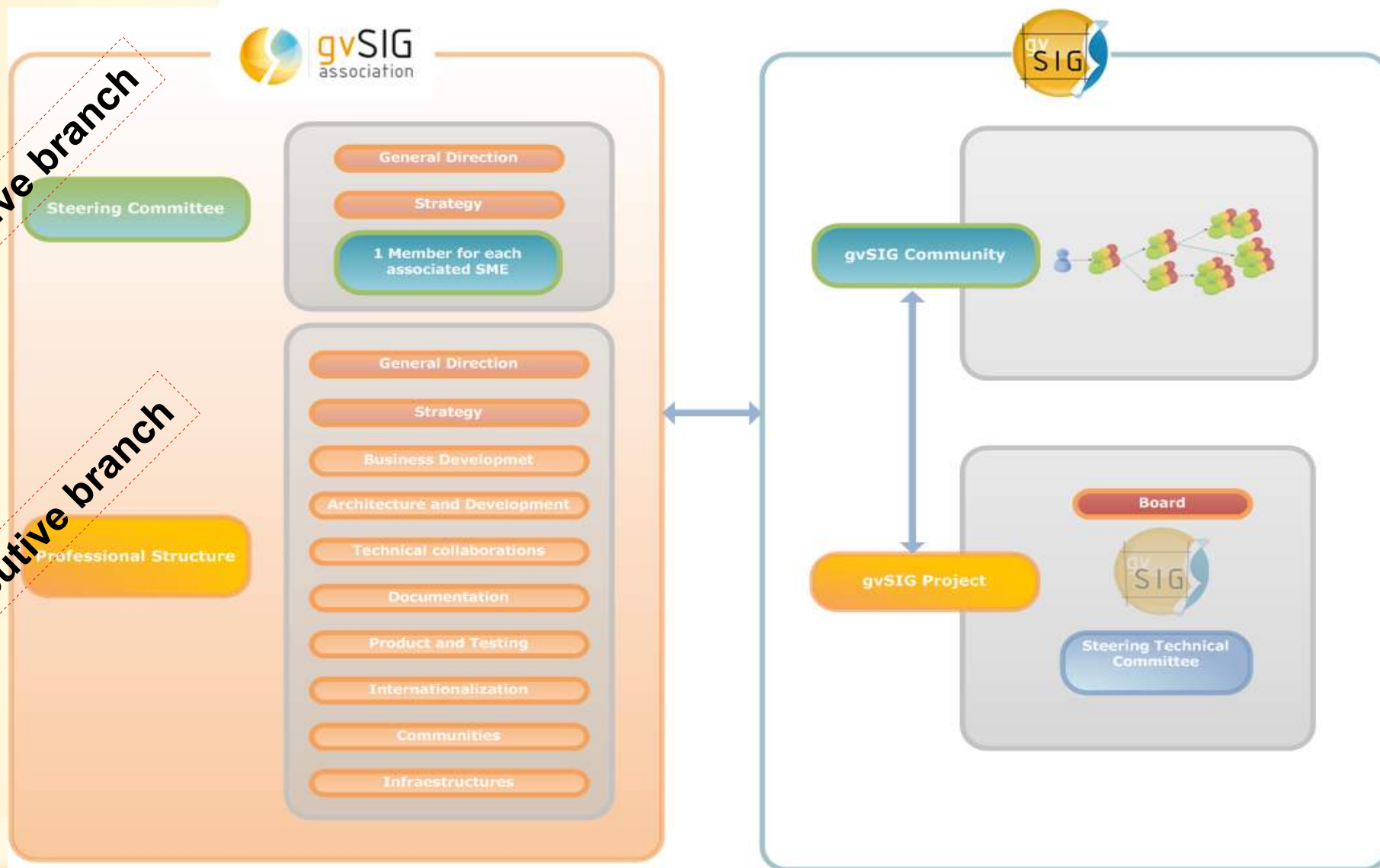




gvSIG Ecosystem

Directive branch

Executive branch





gvSIG Ecosystem



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4. gvSIG's Community

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4. gvSIG's Community

One important thing is about ***PARTICIPATION***:

gvSIG is FOSS,
Every person has things so contribute,
Different roles are needed on a FOSS project,
We need to boost all those collaborations,

But, *how to get people involved?*

How to get people participating on the development cycle?

4. gvSIG's Community

The main idea is that all these people have a **common interest**: *this interest is on gvSIG and FOSS in general*



4. gvSIG's Community

Which roles are identified on the gvSIG community?

- ☛ Developers
- ☛ Users (the best testers!)
- ☛ Testers
- ☛ Translators (docs. and interface)
- ☛ Documentation makers
- ☛ Business makers
- ☛ Software services
- ☛ Spreaders
- ☛ Community coordinators

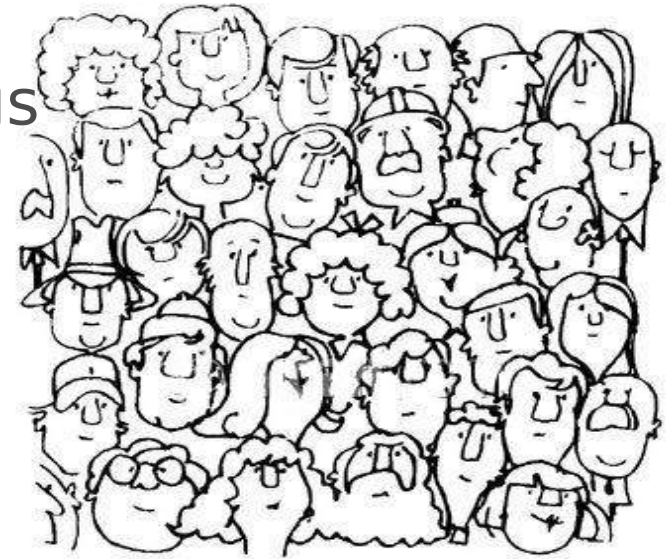


Those areas are not isolated, nor the people that work on them. We promote the synergies between them.

4. gvSIG's Community

Each area has nowadays lots of collaborators...

How do we organize all the things that have to be done?



- 🍄 Professional Structure (responsible for each area)
- 🍄 We work in order to create thematic communities,
- 🍄 Geographical communities (linguistic).

4. gvSIG's Community

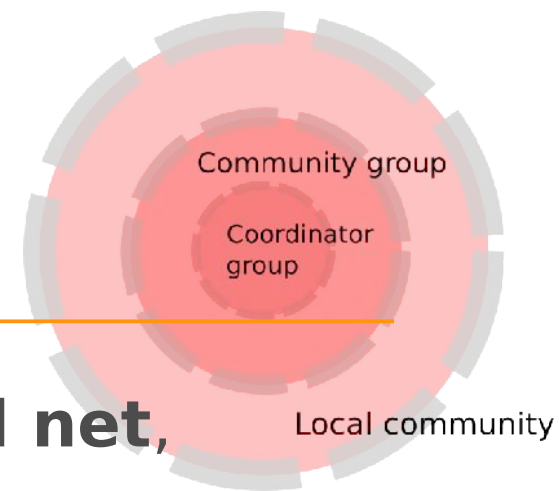
Related to **groups of communities**:

The coordinator groups of each community arises from the own community.



They are responsible for committing their own goals at their own way, we do not impose the rules.
gvSIG respects their sovereignty.

4. gvSIG's Community



The main goal is to create an **organized net**,

and, **how do we manage to do it?**

By identifying people at different countries with technical and social abilities interested on gvSIG and FOSS,

Contacting them in order to create a coordinator group,

Making spreading efforts together (events, workshops, presentations, social networking, etc.)

Working in a coordinated way.



4. gvSIG's Community

Examples of organized communities that are on the way right now:

Geographical communities:


 **Argentina:**
[gvSIG - ar](#)


 **Brazil:**
[gvSIG - br](#)

 **Costa Rica: [UNDER CONSTRUCTION]**
[gvSIG - cr](#)

 **Italy:**
[gvSIG - it](#)

 **Paraguay: [UNDER CONSTRUCTION]**
[gvSIG - py](#)

 **Russia:**
[gvSIG - ru](#)

 **Uruguay:**
[gvSIG - uy](#)

And we are working on:
Germany
United Kingdom
Chile
Venezuela

Linguistic Communities

 **French-speaking:**
[gvSIG - fr](#)

Thematic communities:

 **Campus:**
[gvSIG - Campus](#)

4. Campus Community

Since 2010 a Final Projects working group has been working on tutoring final university students (mainly from UOC, UMH and UPM).

gvSIG Campus Community

by [Victoria Silene Agazzi](#) — last modified 2011-03-10 13:47

▲ Up one level

◀ Previous Communauté gvSIG francophone






Next: Motivation and goals ►

[Cómo usar e interpretar esta página](#)



Motivation and goals

Motivation

This group of community emerges as a result of the work done mainly by universities  [UOC](#),  [UMH](#)  [UPV](#) on final projects during 2010. This new stage focuses on expanding this working group, promoting the participation of universities and tertiary training institutions in different countries and different areas (not only computer sciences, but also geomatics, town planning, etc..) having interest to undertake student's work related to gvSIG products (Desktop, Mobile, Mini or multiple extensions).

Goals

- Work on the development of final projects, dissertations for masters, doctoral theses, or any other task that requires an idea, a student and a tutor.
- Provide ideas / proposals for carrying them out as final projects. In addition to the ideas there will be needed to provide more information in order to properly size up the work to be done.

4. Campus Community

Data base with final projects: *ideas, running projects or finished.* <http://outreach.gvsig.org/campus>

Campus Database

Use the following filters to restrict the list of records. You can also use the portal search facility to look for any content.

Student profile
- Any - ▼

Language
- Any - ▼

Keywords
Android database
Derby
development
formats
geoprocessing
GML
GPE
GPX

Is needed a tutor?
- Any - ▼

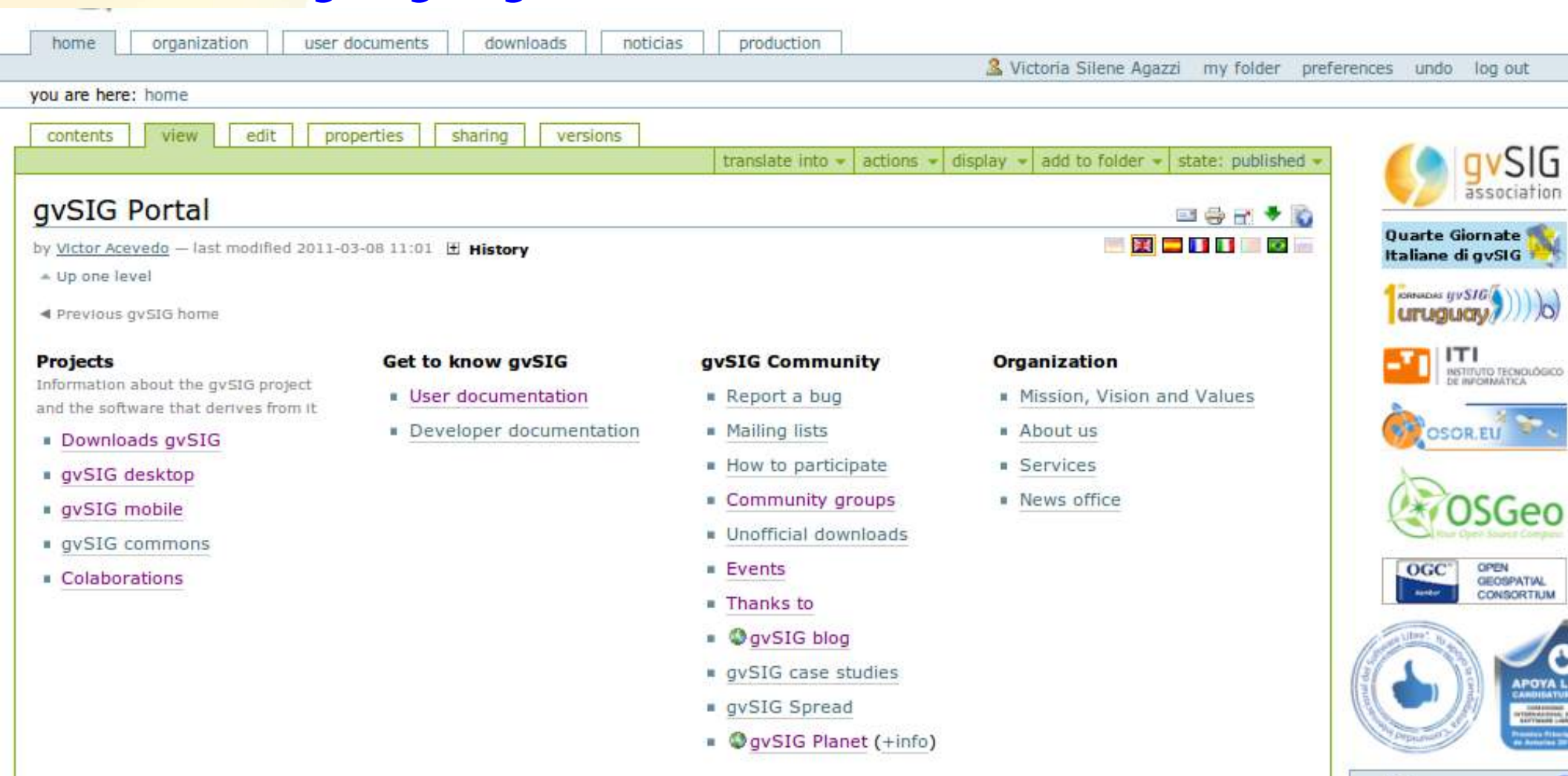
Status
- Any - ▼

Apply

	Is needed a tutor?	Language	Student profile
+ Add support for vector data formats to gvSIG Mini	Yes	English	Computer Science
Spatial databases embedded in gvSIG	Yes		Computer Science
Metadata extension for gvSIG 2.0	Yes	English, Spanish	Computer Science

4. gvSIG's Community

gvSIG Plone Tool: The web site of the gvSIG Community
www.gvsig.org



The screenshot shows the gvSIG Portal website interface. At the top, there is a navigation bar with links: home, organization, user documents, downloads, noticias, and production. Below this, a user profile bar shows 'Victoria Silene Agazzi' with links for 'my folder', 'preferences', 'undo', and 'log out'. A breadcrumb trail indicates 'you are here: home'. The main content area has a sub-navigation bar with links: contents, view, edit, properties, sharing, and versions. To the right of this bar are dropdown menus for 'translate into', 'actions', 'display', 'add to folder', and 'state: published'. The main heading is 'gvSIG Portal', followed by metadata: 'by Victor Acevedo — last modified 2011-03-08 11:01' and a 'History' link. Below this are links for 'Up one level' and 'Previous gvSIG home'. The content is organized into four columns: 'Projects' (Information about the gvSIG project and the software that derives from it, with links for Downloads gvSIG, gvSIG desktop, gvSIG mobile, gvSIG commons, and Colaborations), 'Get to know gvSIG' (with links for User documentation and Developer documentation), 'gvSIG Community' (with links for Report a bug, Mailing lists, How to participate, Community groups, Unofficial downloads, Events, Thanks to, gvSIG blog, gvSIG case studies, gvSIG Spread, and gvSIG Planet (+info)), and 'Organization' (with links for Mission, Vision and Values, About us, Services, and News office). On the right side of the page, there is a vertical stack of logos and banners, including the gvSIG association logo, 'Quarte Giornate Italiane di gvSIG', 'Jornadas gvSIG Uruguay', 'ITI INSTITUTO TECNOLÓGICO DE INFORMÁTICA', 'OSOR.EU', 'OSGeo Your Open Source Companion', 'OGC OPEN GEOSPATIAL CONSORTIUM', and a circular logo with a thumbs up and the text 'Apoya la Cartografía'. At the bottom right, there is a banner for 'APOYA LA CARTOGRAFIA' with the text 'CONSEJO INTERMUNICIPAL DE SOFTWARE LIBRE' and 'Proyecto Piloto de Apoyo 2011'.

home organization user documents downloads noticias production

Victoria Silene Agazzi my folder preferences undo log out

you are here: home

contents view edit properties sharing versions

translate into actions display add to folder state: published

gvSIG Portal

by Victor Acevedo — last modified 2011-03-08 11:01 [History](#)

Up one level

Previous gvSIG home

Projects

Information about the gvSIG project and the software that derives from it

- Downloads gvSIG
- gvSIG desktop
- gvSIG mobile
- gvSIG commons
- Colaborations

Get to know gvSIG

- User documentation
- Developer documentation

gvSIG Community

- Report a bug
- Mailing lists
- How to participate
- Community groups
- Unofficial downloads
- Events
- Thanks to
- gvSIG blog
- gvSIG case studies
- gvSIG Spread
- gvSIG Planet (+info)

Organization

- Mission, Vision and Values
- About us
- Services
- News office

gvSIG association

Quarte Giornate Italiane di gvSIG

Jornadas gvSIG Uruguay

ITI INSTITUTO TECNOLÓGICO DE INFORMÁTICA

OSOR.EU

OSGeo Your Open Source Companion

OGC OPEN GEOSPATIAL CONSORTIUM

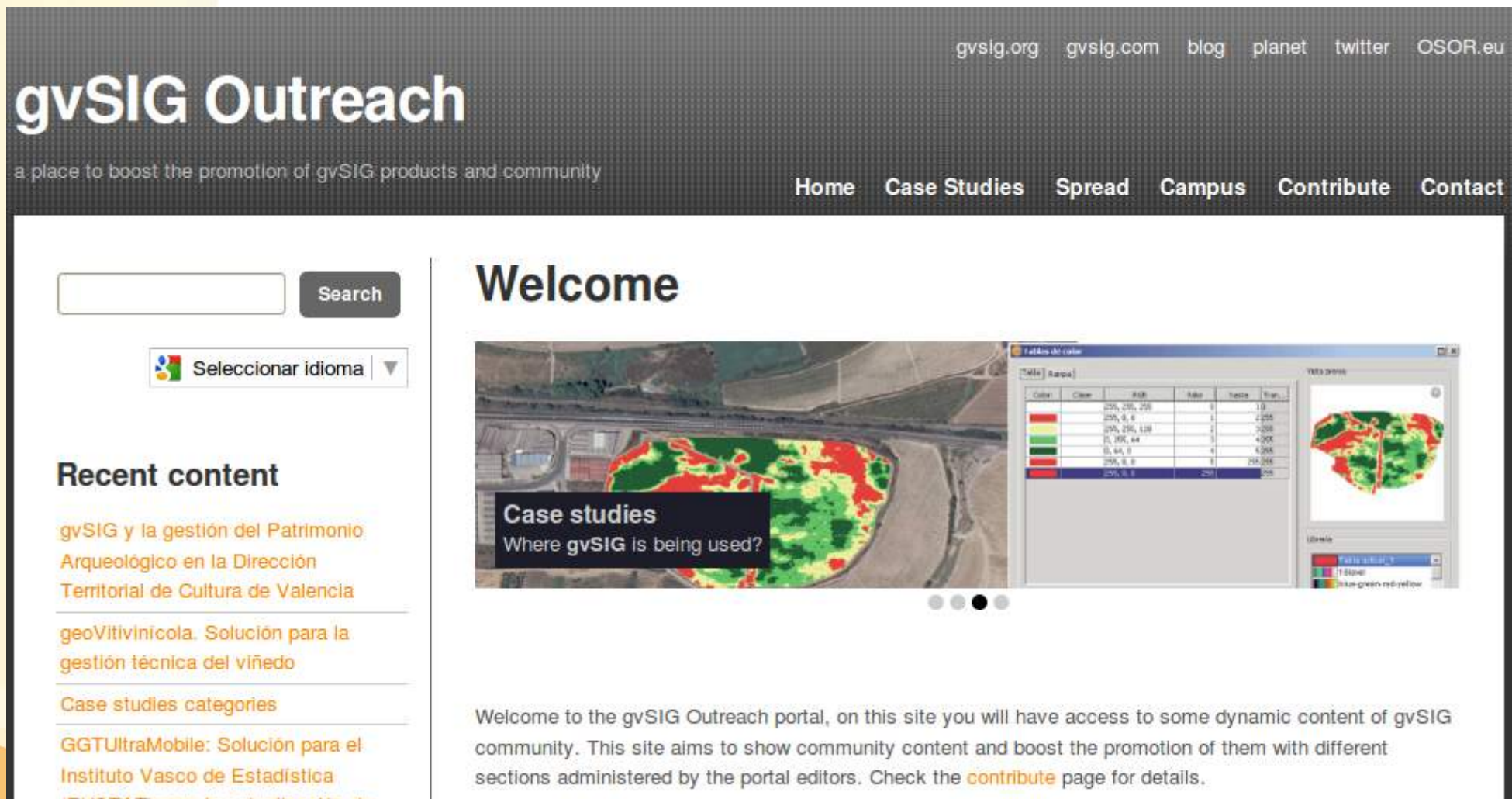
Apoya la Cartografía

CONSEJO INTERMUNICIPAL DE SOFTWARE LIBRE

Proyecto Piloto de Apoyo 2011

4. gvSIG's Community

gvSIG Outreach: use cases of gvSIG and spreading artwork.
<http://outreach.gvsig.org/>



The screenshot shows the gvSIG Outreach website. The header includes the gvSIG logo and navigation links: gvsig.org, gvsig.com, blog, planet, twitter, and OSOR.eu. The main title is "gvSIG Outreach" with the subtitle "a place to boost the promotion of gvSIG products and community". Below the title is a navigation menu: Home, Case Studies, Spread, Campus, Contribute, and Contact.

On the left side, there is a search bar and a language selector labeled "Seleccionar idioma". Below this is a section titled "Recent content" with three items:

- gvSIG y la gestión del Patrimonio Arqueológico en la Dirección Territorial de Cultura de Valencia
- geoVitivinícola. Solución para la gestión técnica del viñedo
- Case studies categories

The main content area features a "Welcome" section with a large image of a map showing a case study. The image includes a text overlay: "Case studies Where gvSIG is being used?". To the right of the map is a screenshot of the gvSIG software interface, showing a table with data and a map view.

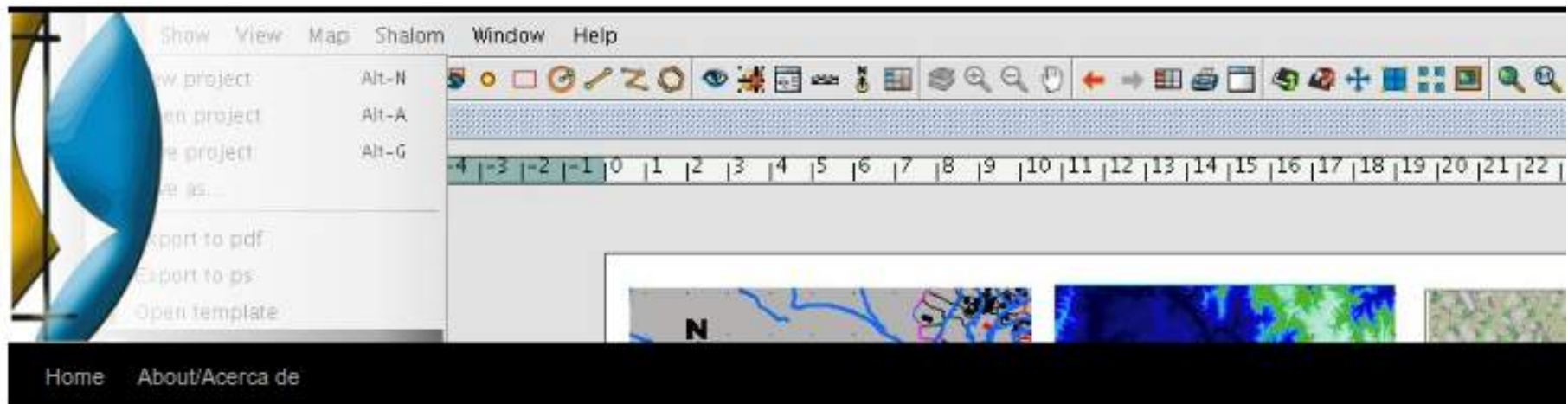
Below the main content area, there is a welcome message: "Welcome to the gvSIG Outreach portal, on this site you will have access to some dynamic content of gvSIG community. This site aims to show community content and boost the promotion of them with different sections administered by the portal editors. Check the [contribute](#) page for details."

4. gvSIG's Community

Social networking: gvSIG Blog, gvSIG Planet, Twitter, Facebook, Iden.tica, ... <http://blog.gvsig.org/>

gvSIG blog

gvSIG project team blog



← One month of the Planet gvSIG

¿Software Libre: Trabajo de voluntariado o Servicios Profesionales →

1as Jornadas Sudamericanas FOSS4G

Posted on 21/03/2011 by Jorge

César Medina ha movido por las listas un evento que me gustaría compartir en el blog. Se trata de la organización de las primeras jornadas Sudamericanas FOSS4G, un evento de un día que tendrá lugar en la Universidad Mayor de Santiago de Chile.



Category Cloud

community development
english events GUI gvSIG
Association gvSIG Desktop
gvSIG mini gvSIG Mobile gvSIG
products opinion portuguese
press office SDI spanish

4. gvSIG's Community

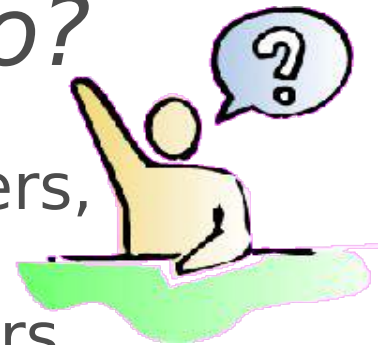
We also promote the organization of local events,
PRESENCE IS ALL!!!

For 2012 we are helping to achieve:

- 5º Giornate Italiane di gvSIG (Italia - Como)
- 2º Jornadas Nacionales de gvSIG (Uruguay - Montevideo) and 4º Jornadas LAC
- 2º Journée gvSIG de la francophonie (Montréal - Canadá)
- 1º Russian gvSIG user meeting (Lipetsk - Russia)
- 2º Jornadas Nacionales de gvSIG Argentina (Mar del Plata)
- 1º Jornadas Chilenas de gvSIG (Santiago - Chile)
- 3º Jornadas Brasileiras gvSIG (Porto Alegre - Brasil)
- 8º Jornadas Internacionales gvSIG (Valencia - España)

4. gvSIG's Community

Ok, this sound nice; *but what can I do?*



Subscribe to a mailing list (users, developers, gvSIG Campus list!)

Testing gvSIG and reporting bugs to trackers

Translating gvSIG interface into your language

Translating gvSIG manuals

Writing articles and use cases

Developing new extensions

Any other contribution is welcome!



If you are interested, please contact us!

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gvSIG Desktop

Basic view tools:

http://www.youtube.com/watch?feature=player_detailpage&v=vamXTolsjTw

Editing tools:

http://www.youtube.com/watch?feature=player_detailpage&v=G24zEIPKCDQ

Geoprocessing:

http://www.youtube.com/watch?feature=player_detailpage&v=iiNxJ1JMKIs

Raster tools:

http://www.youtube.com/watch?feature=player_detailpage&v=B9illsVn-hc

Georeferencing:

http://www.youtube.com/watch?feature=player_detailpage&v=kQjo_m2rda4

Layout:

http://www.youtube.com/watch?feature=player_detailpage&v=vzMkWBDznTs

3D extrusion:

http://www.youtube.com/watch?feature=player_detailpage&v=_luDcRpaC4U

SDI connection:

<http://www.youtube.com/watch?v=iYjPuBAVzxQ>

5. Video demos

gvSIG Mobile

Viewer and GPS tool:

<http://www.youtube.com/watch?v=u0-rnpzf8Bo>

gvSIG Mini

GPS location, SDI connection, routing:

<http://www.youtube.com/watch?v=YkuOau-crkA>

Questions?



Thank you very much !!

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Asociación gvSIG
www.gvsig.com