The gvSIG Project

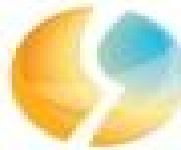
Victoria Agazzi
Community Manager
vagazzi@gvsig.com

Amelia del Rey
Business Development Manager
adelrey@gvsig.com

Jorge Sanz
Technical Collaborations Manager
jsanz@gvsig.com

Asociación gvSIG
www.gvsig.com

UNIVERSITAT POLITÈCNICA DE VALÈNCIA



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3. gvSIG Community

1. gvSIG's beginning: Origin

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

GENERALITAT VALENCIANA
CONSELLERIA D'INFRAESTRUCTURES I TRANSPORT

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

gvPONTIS

1. gvSIG's beginning: Origin

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,

Invest money on a FOSS tool.

1. gvSIG's beginning: Evolution

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: Evolution

From that point on, 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: Evolution

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

The clue is the
gvSIG community

But,
What does community mean???

1. gvSIG's beginning: Evolution

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: Evolution

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, we think that location of software is important in the FOSS.

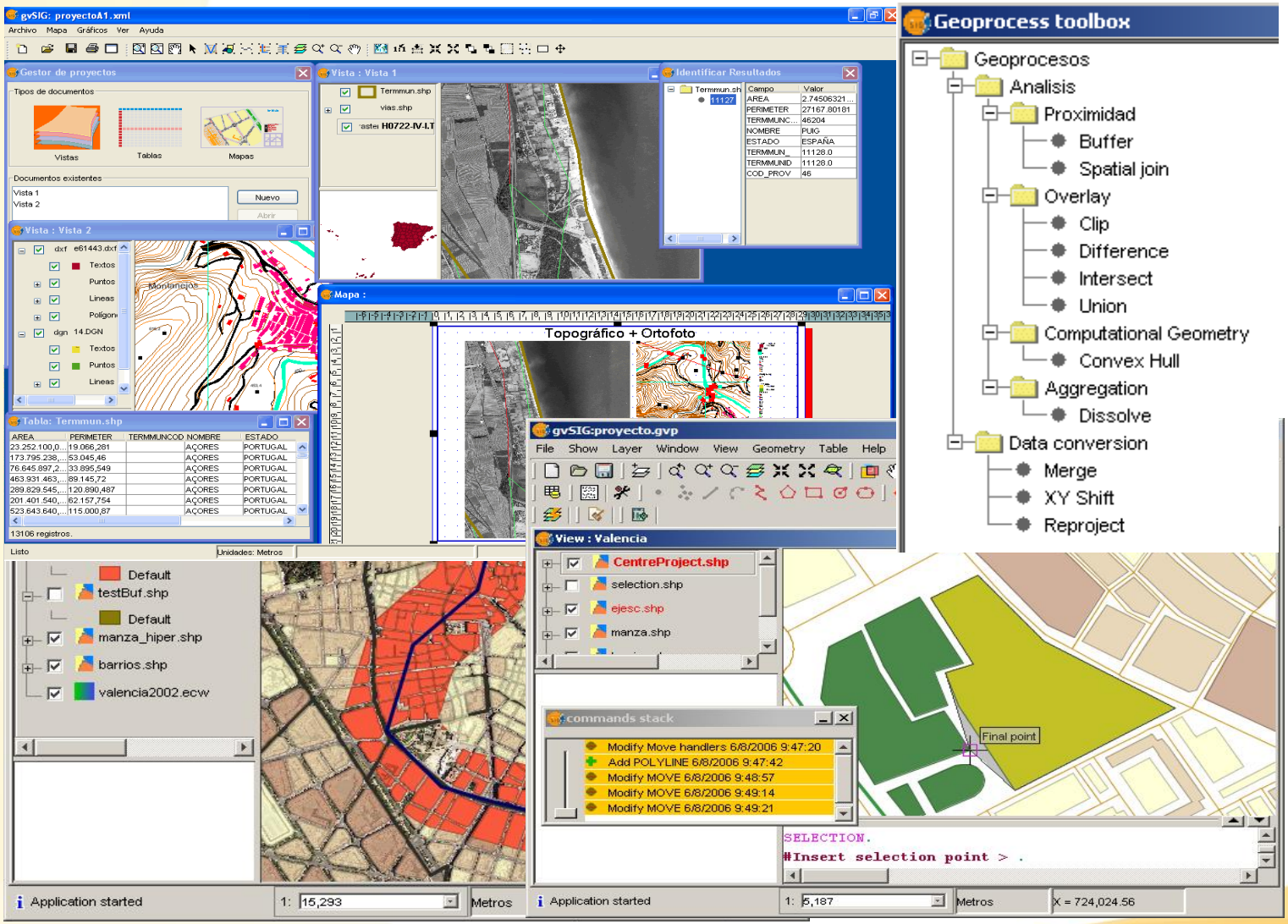
1. gvSIG Desktop: Characteristics

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.

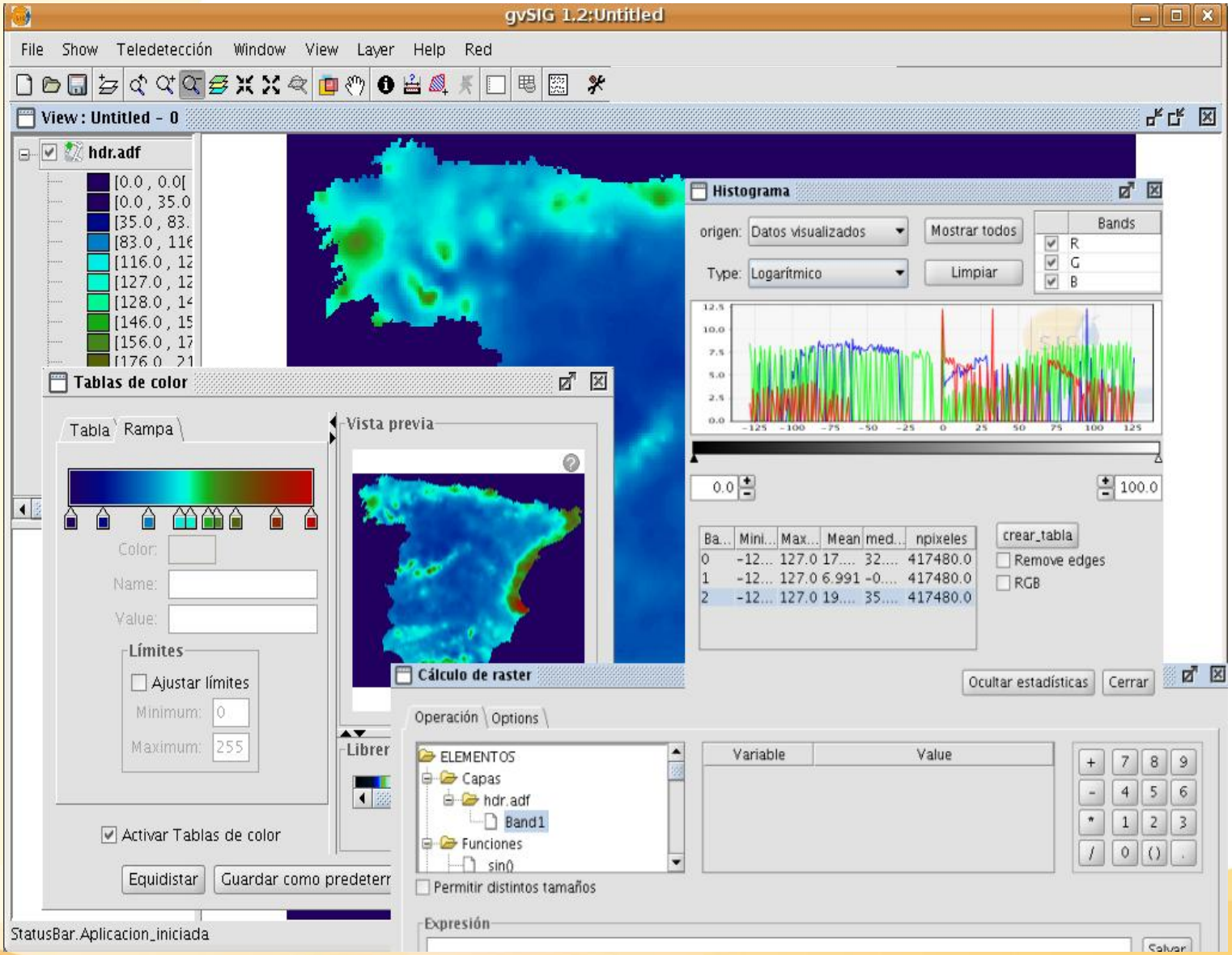
Features:

- GI visualization: several formats, CRS management
- map representation: symbols and labelling
- geoprocessing
- printing outputs
- editing
- updating
- image processing and remote sensing support
- LIDAR support
- SDI access: wms, wfs, wcs, wps, ...
- SDI outputs to publish by Mapserver or Geoserver
- 3D GIS: planar and globe views

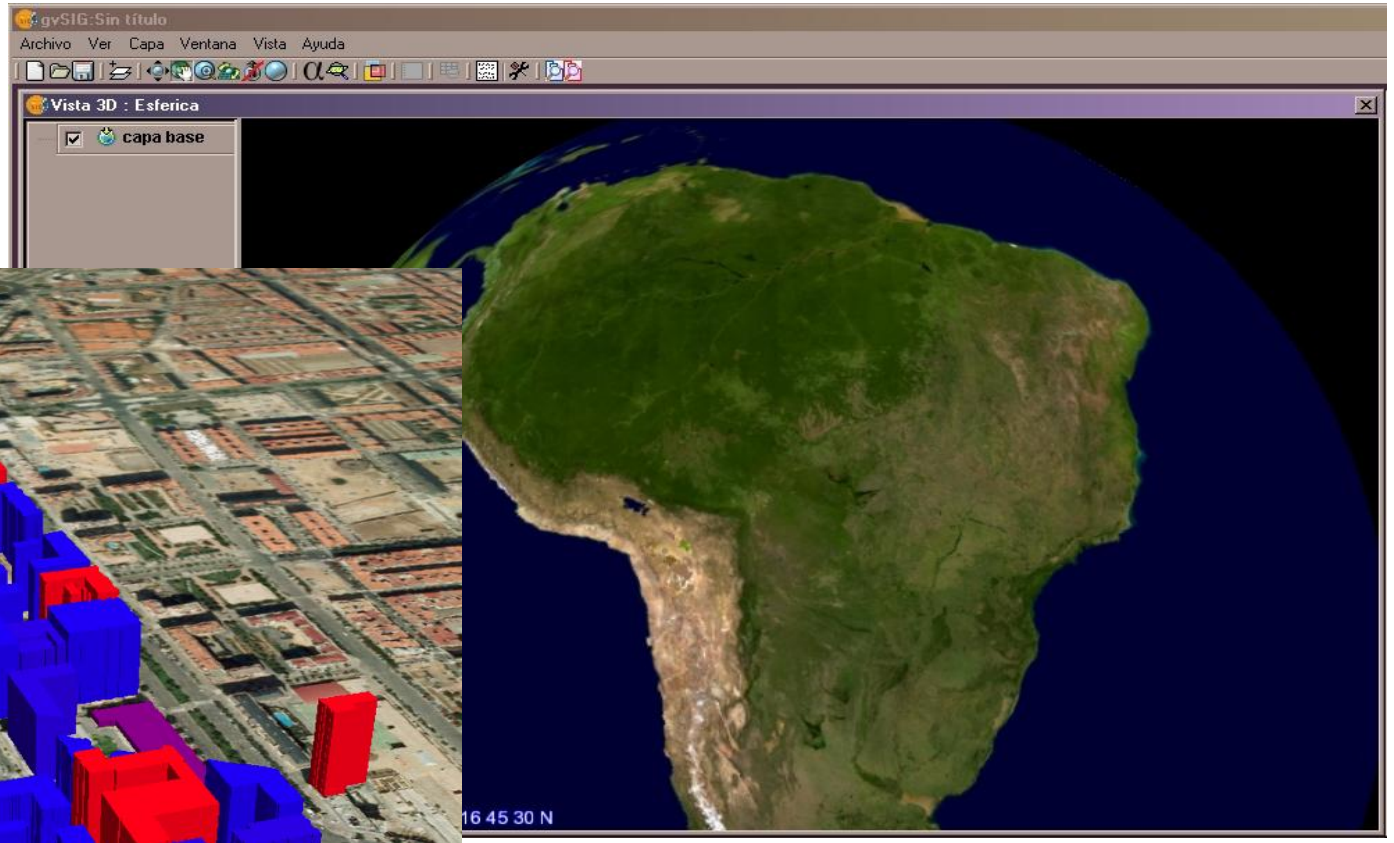
1. gvSIG Desktop: Characteristics

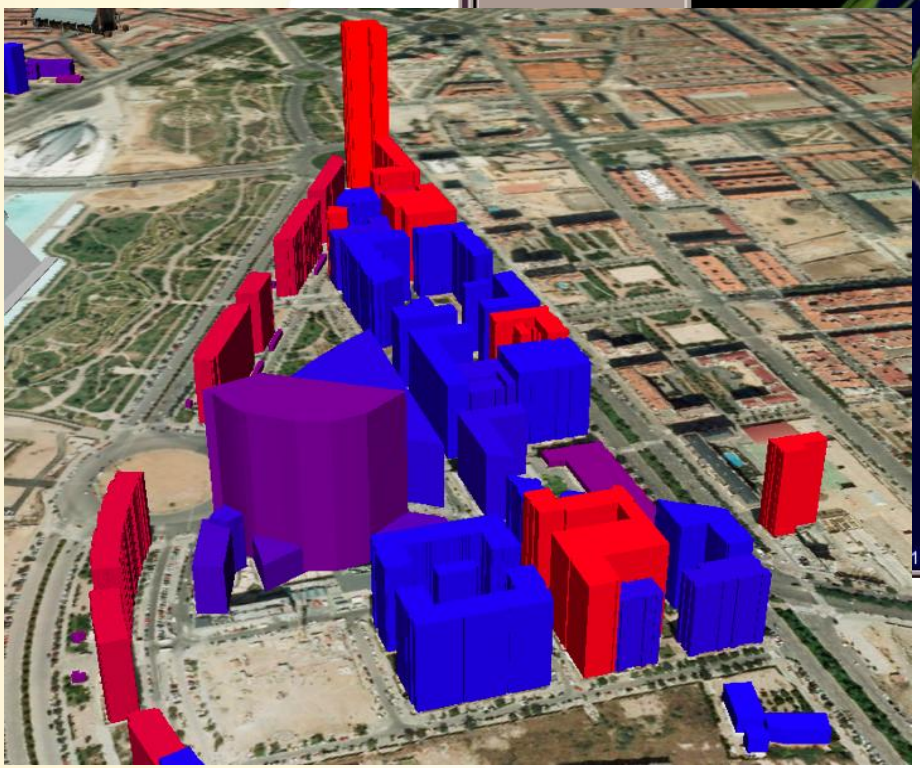


1. gvSIG Desktop: Characteristics



1. gvSIG Desktop: Characteristics

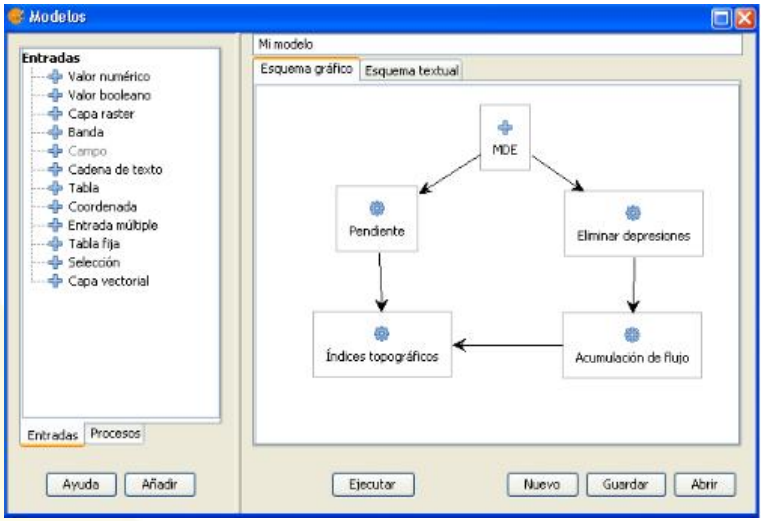


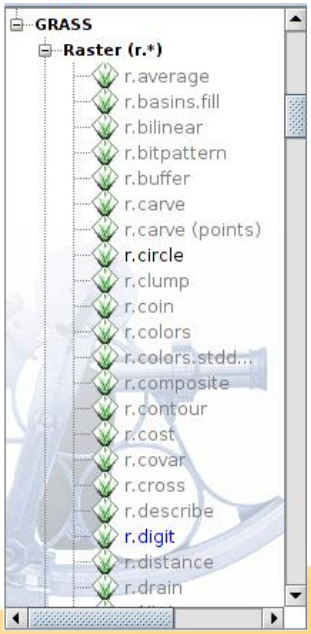


1. gvSIG Desktop: Characteristics

Integration to other FOSS4G projects:

- ***Sextante***: more than 200 features, geoprocess modeller
- ***Mapserver*** and ***Geoserver***: publishing web services directly from gvSIG views
- ***Grass***: access to all its features on the gvSIG view





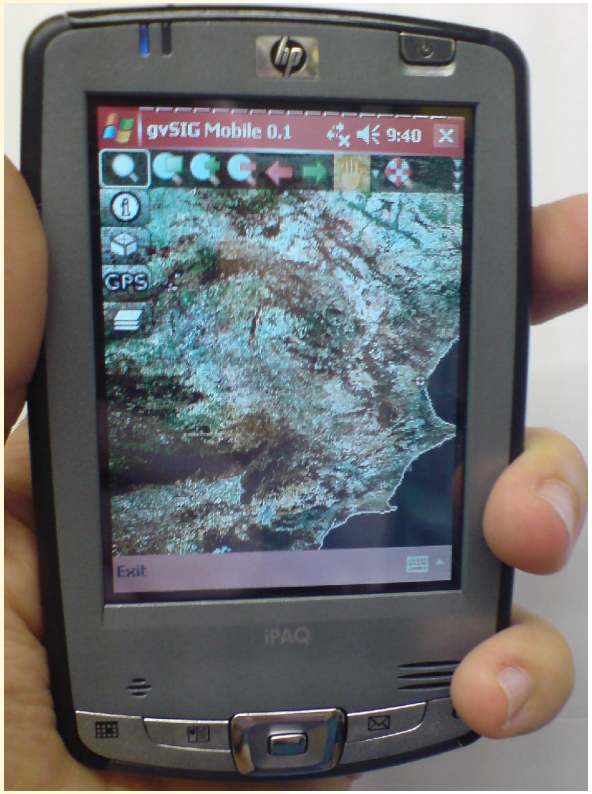
1. gvSIG Mobile: Characteristics

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.

Features:

- GI visualization: several formats,CRS management
- map representation: symbols and labelling
- GPS support: manual and automatic
- editing, updating GI
- Selecting and filtering data
- SDI access: wms, wfs,
- POIs management, DDBB storage
- Measuring and info functions

1. gvSIG Mobile: Characteristics



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2. gvSIG Association

From the gvSIG project started a **fast evolution** at:

Community of **users**

Community of **developers**

Cluster of **SMEs**

Collaborative Infrastructure and a Professional Structure (coords.) to have a stable organization that guarantee the sustainability of the project.

2. 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

2. 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.

2. 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).

2. gvSIG Association

The gvSIG Association has:

Members ---> prodevelop Integración de tecnologías · iver tecnologías · creativa Creación de Tecnologías de Información y Valor Consultores · Software Colaborativo · icarto

nowadays 5, which 4 of them are founding members.

Collaborators ---> 28, from 9 different countries.

Honour members ---> 20 from Universities, Regional Ministries, R&D centers, Laboratories, Technological Institutes, ...

gvSIG Association: Members and H. M.

gvSIG Association: Collaborators

Georepublic

gismap

TERRA GIS

IDEABG

OpenGEO

GAUSS

xoomcode

geo opensource

EQUATION GIS SOLUTIONS

DISID

DIELMO

enosat

SIGAMAP

enxenio

excentia

giservices.eu

Model Driven Development

Sixtema

geodata

gis

avansig

sopde.es

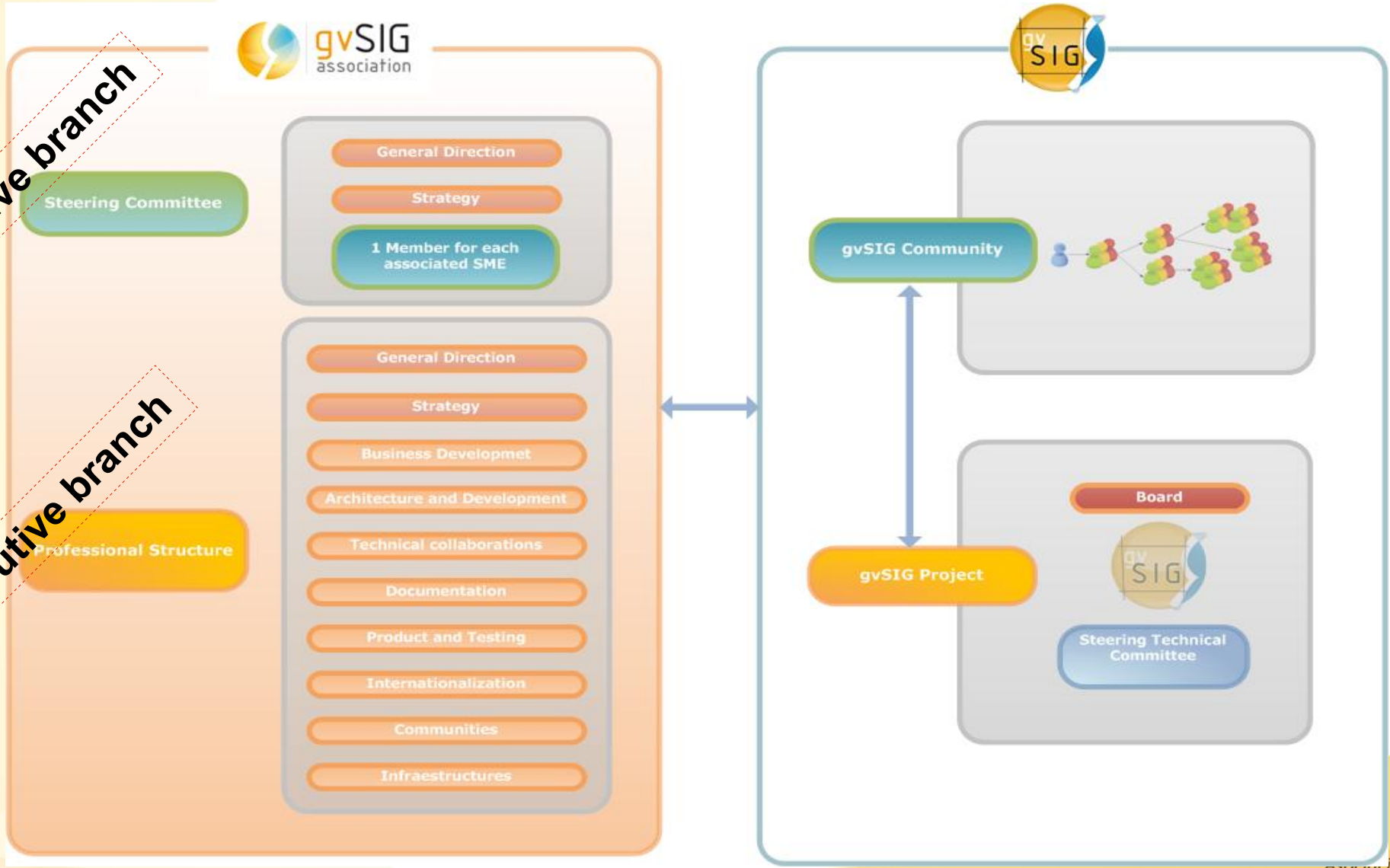
EMERGYA

Avalon GIS

SIGTel

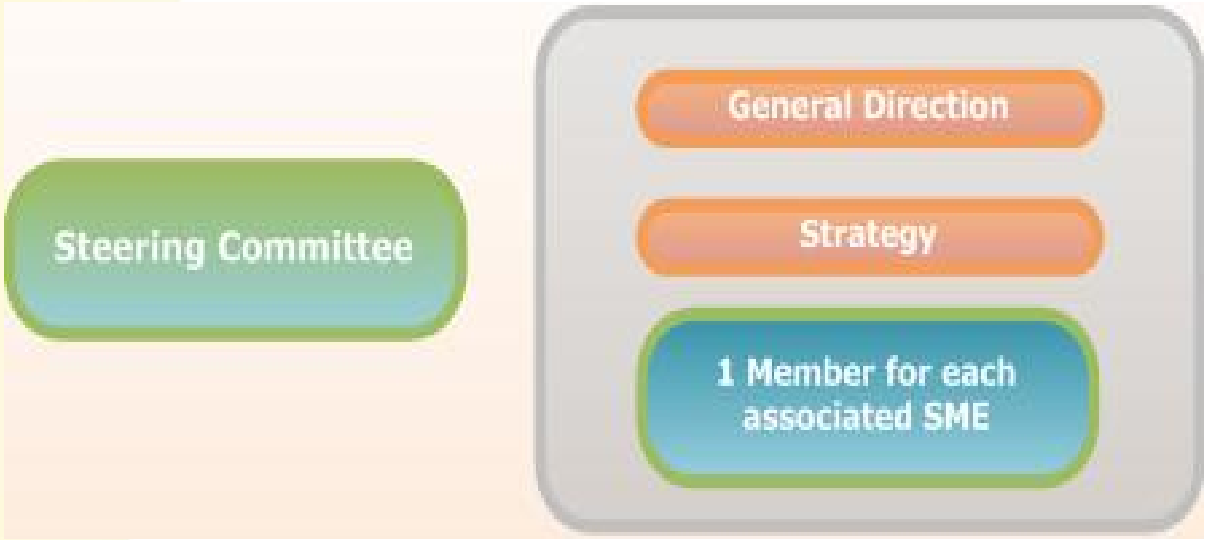
VERTEX

gvSIG Ecosystem



gvSIG Ecosystem

gvSIG Association: Directive branch



General Direction composed by the ***General Manager*** and the ***Business Development Manager***,

1 Associated Member = 1 vote,

Decision on ***gvSIG Association operation*** are taken

gvSIG Association: Executive branch

Professional Structure that is in charge of the coordination of tasks related to the maintenance of the gvSIG Project.

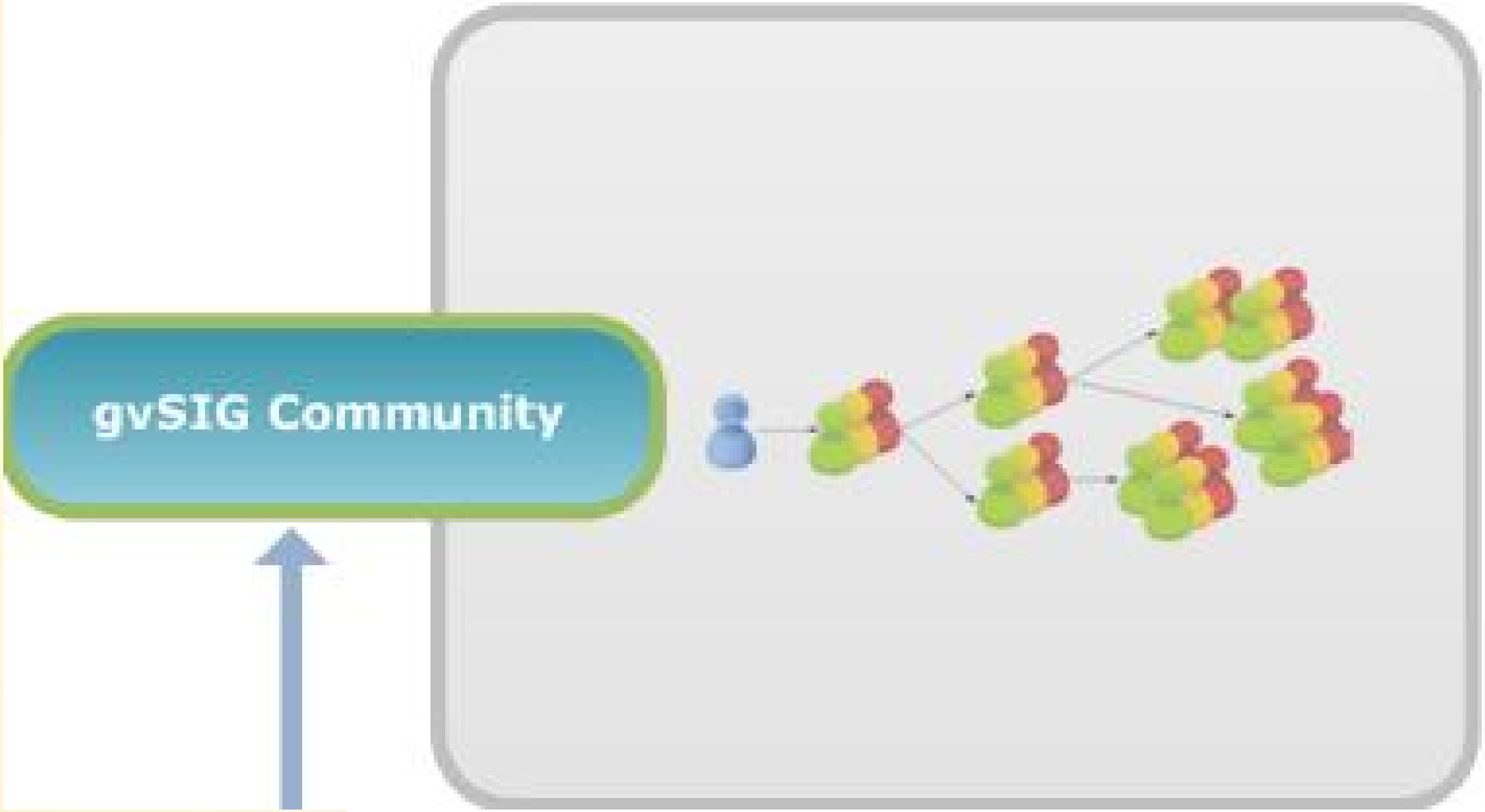
gvSIG Association: Technical committee

It is a place for technical discussion.

The STC is composed by 24 persons whose knowledge is relevant in some development area. The Board has 9 representatives.

Working groups' creation around a problem to solve it.

gvSIG Ecosystem: Community



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3. gvSIG's Community

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

The clue is the gvSIG community, it is our ***major value***.

But,
What does community mean???

3. gvSIG's Community

The Community around gvSIG is composed of **individuals and entities** that are interested on gvSIG:

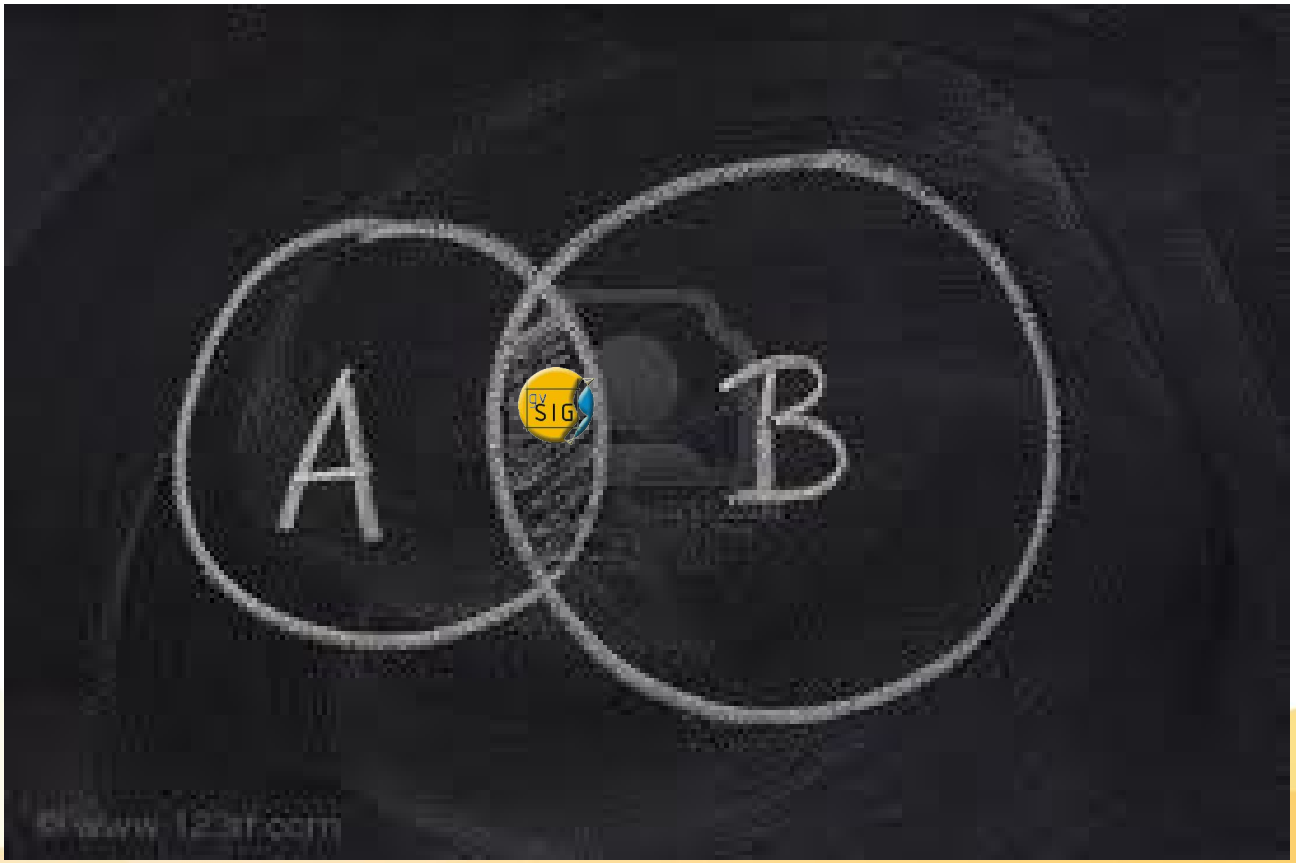
persons from universities, enterprises and public adm.

Institutions (one upper level of participation):

Universities (Labs, Faculties, etc.),
Enterprises (SME, local industrial fabrics),
Public Administrations.

3. gvSIG's Community

The main idea is that all these people have a **common interest:** *this interest is on gvSIG and FOSS in general,* *including models of production of technology.*



3. gvSIG's Community

Community based on ***voluntary people*** (developers, testers, etc.) working on their spare time on FOSS4G?

gvSIG wants to include those voluntaries,
but ***also people whose work*** ($$$) has to do with gvSIG. In some way we understand that the sustainability of the project depends on this factor.

3. gvSIG's Community

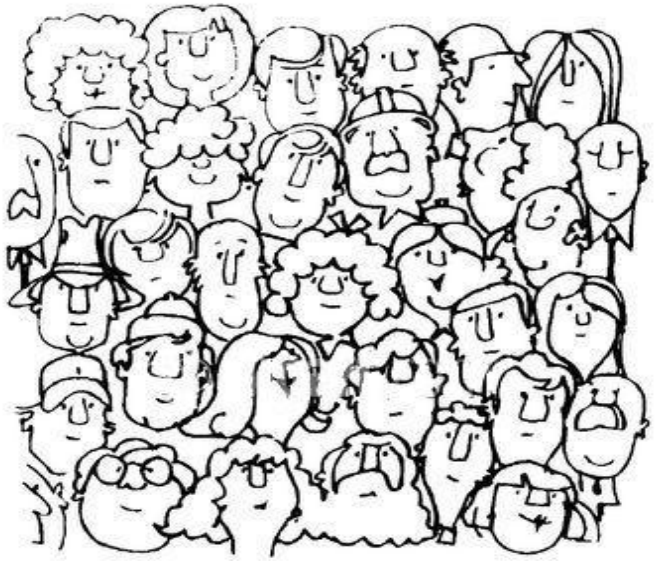
Which roles are identified on the gvSIG community?

- 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.

3. gvSIG's Community

Each area has nowadays lots of collaborators...



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

- We have a responsible for each area (group called PSg),
- We work in order to create thematic communities,
- and also geographical communities (linguistic)

3. gvSIG's Community

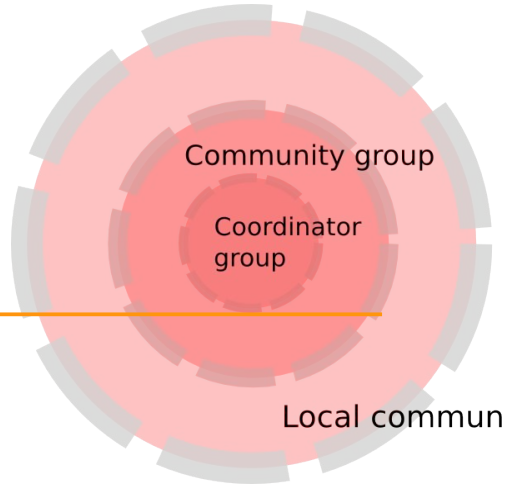
How do we organize all the things that have to be done?

- We work in order to create thematic communities,
- and also geographical communities (local, linguistic)

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.

3. gvSIG's Community



How do we create this organized net?

- 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.)

3. gvSIG's Community

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

And we are working on:

- Italy
- Germany
- United Kingdom
- Uruguay
- Chile
- Venezuela

- Campus (university, etc.)
- Women (sopde.es)

3. 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. These proposals may be used by tutors and students, because their access would be public.
- Maintain good communication between the different participants in order to facilitate synergies between them on issues related to the development of these projects. In this sense, it'll be

All kind of tertiary institutions interested!

3. gvSIG's Community

For development and testing collaborations we use the Osor platform (Open Source Observatory and Repository):

Subversion
Trackers (tickets for bugs, features)
Mailing lists

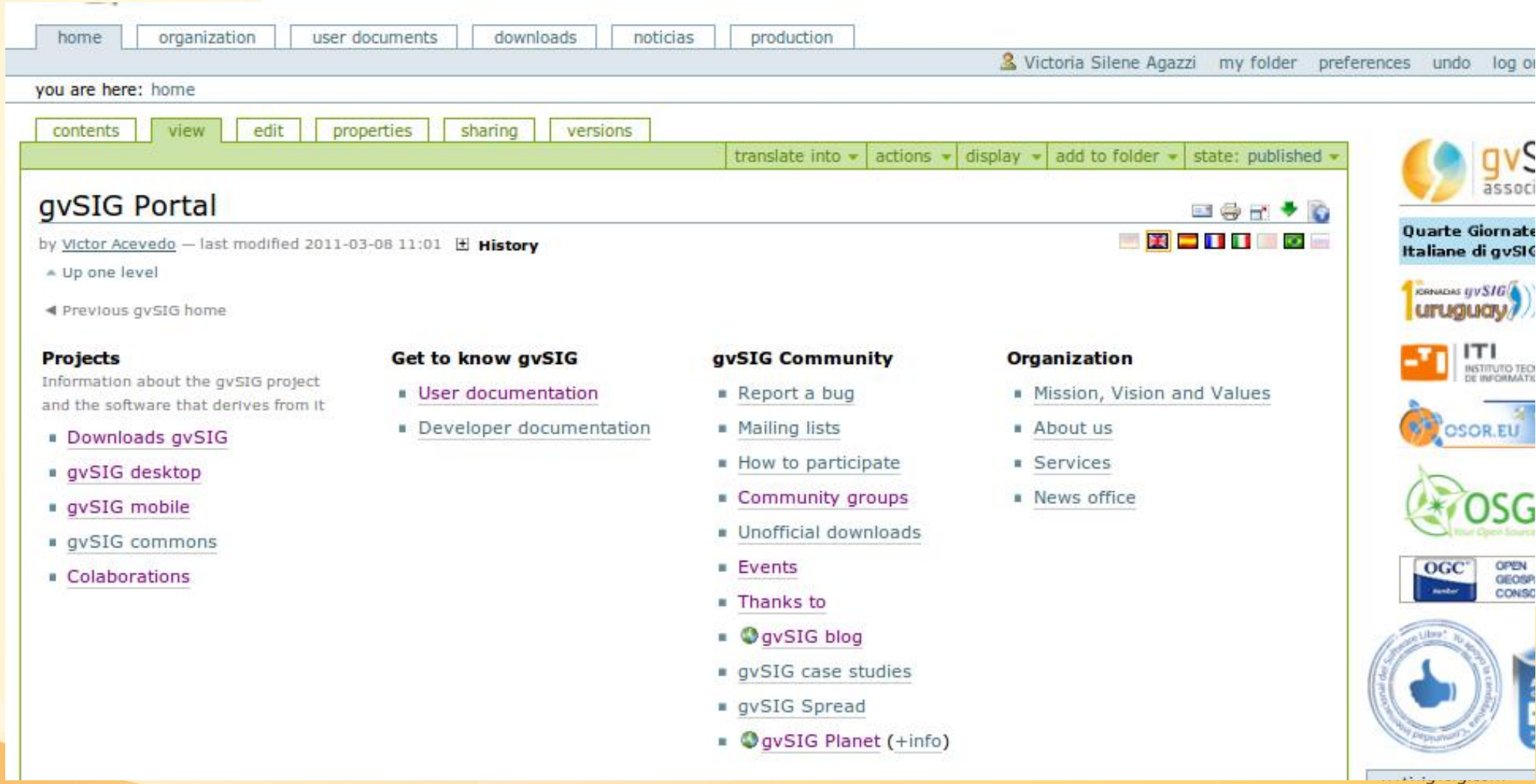
Development projects can be officials (good level quality), or non official. Both have their web site on the gvSIG Plone tool.

Official contributions

Non Official contributions

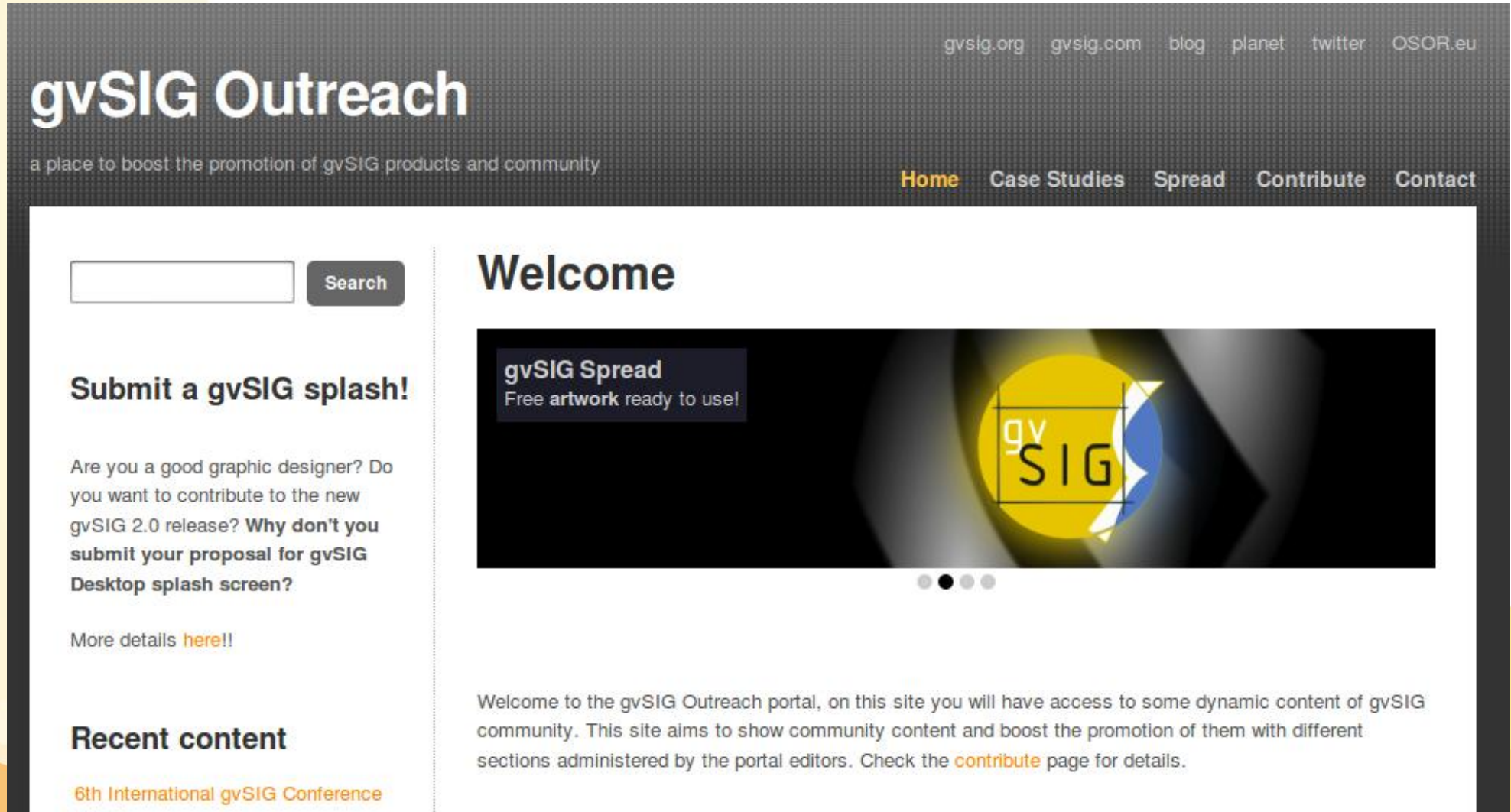
3. gvSIG's Community

gvSIG Plone Tool: The web site of the gvSIG Community



3. gvSIG's Community

gvSIG Outreach: use cases of gvSIG and spreading materials.



3. gvSIG's Community

Social networking: gvSIG Blog, gvSIG Planet, Twitter, Facebook

3. gvSIG's Community

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

For 2011 we are helping to achieve:

Quarte Giornate Italiane di gvSIG (Italia - Udine)
2º gvSIG Day in Nottingham (UK - Nottingham)
1º Jornadas Nacionales de gvSIG (Uruguay - Montevideo)
1º Journeé gvSIG à Rennes (Rennes – France)
1º Jornadas Nacionales de gvSIG Argentina (Tucumán)
3º Jornadas Latinoamerica y Caribe (Itaipú – Brasil)
7º Jornadas Internacionales gvSIG (Valencia - España)

3. gvSIG's Community

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

- Subscribe to a mailing list (users, developers, next 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!

Thank you very much !!

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