3-5 Dec'08 4th International Conference gvSIG — Valencia Conference Centre

GENERALITAT VALENCIANA
CONSELLERIA D'INFRAESTRUCTURES I TRANSPORT

gvSIG

PROJECT PART-FINANCED
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EUROPEAN REGIONAL
DEVELOPMENT FUND
"A way to build Europe"

4th gvSIG CONFERENCE PROGRAM

	Wednesday December 3, 2008		
8:15	**Registration**		
9:00	**Workshop 1. "Advanced vector GIS with gvSIG"** ÁLVARO ZÁBALA *(Junta de Andalucía)*; FRANCISCO PEÑARRUBIA *(Software Colaborativo)*; PAQUI MERCADÉ, SERGIO CLARK and VICENTE CABALLERO *(IVER T.I.)* - The new tools developed in the vectorial GIS area will be presented, such as topology based in rules, topology edition, topology geoprocessing and vectorial advanced analysis; news on networks extensions; news on advanced symbology and advanced labelling; other vectorial tools.	**Workshop 2. "Using Sextante in gvSIG."** VÍCTOR OLAYA *(Univ. de Extremadura)* - The main SEXTANTE uses will be introduced (toolbox, model builder, group processing,etc.) and some example algorithms will be shown. A brief geospatial analisys will be performed.	**Workshop 3. "gvSIG 3D and Animation"** SALVADOR BAYARRI and JULIO CAMPOS *(IVER T.I.)*; RAFA GAITÁN *(Instituto AI2. UPV)* - The new 3D extension for gvSIG will be shown as well as all the complementary tools. The osgVP library will be also explained (library in which the extension is based) as well as the 3D extension architecture.
10:30	**Coffee**		
11:00	**Workshop 4. "gvSIG mobile + install Party"** JAVI CARRASCO, JUAN LUCAS DOMÍNGUEZ and CARLOS SÁNCHEZ *(Prodevelop)* - In this worlshop users are invited to bring their PDAs and to install on them gvSIG Mobile. A symple game of data that allows the access activities and the visualization of data, the presentation of personalized formulaires will be provided. If there is a chance (time and climate limitations) participants will go out and will try the new functionalities of edition with GPS.	**Workshop 5. "Developing on gvSIG"** FRAN PEÑARRUBIA *(Software Colaborativo)* - Introduction to the development of gvSIG extensions. Spatial attention will be drawn to manners of enhancing the gvSIG functionality by developing some sample extensions: - 'Hola Mundo' (' Hello World') - Personalized search - Geopositioning Remote service conecction	**Workshop 6. "Collaborative infrastructure"** VICTORIA AGAZZI *(Indra)*; ANTONIO CARRASCO *(Model Driven Development S.L)*; MANUEL MADRID and MARIO CARRERA *(IVER T.I.)*; CESAR ORDIÑANA *(DISID Technologies)* - Since some months ago, we are working in gvSIG in the creation of a collaborative platform to facilitate and maximice gvSIG comunity participation in as many as possible areas. Some of the areas in which we think our users can help as the most are: in the aplication testing and in the interface and documentation translations. In this workshop we will present the current state of the collaborative platform, exposing the different ways one can collaborate with the project (either with the testing or the translation of the user interface and the documentation)
12:30		**Workshop 7. "Developing on Sextante"** VÍCTOR OLAYA *(Univ. Extremadura)* - The development of new algorithms based on SEXTANTE, the ejecution of algorithms codes and some general aspects of the SEXTANTE architecture as the geospatial analysis library.	
13:30	**Lunch**		
15:30	**Workshop 8: "OGC interoperability and gvSIG"** MARK REICHARDT *(OGC)*, ANTONIO RODRÍGUEZ *(IGN)*, MASSIMO CRAGLIA *(JRC)*, BASTIAN SHAEFFER *(University of Münster)*, JOSÉ VICENTE HIGÓN *(IVER T.I.)* and LAURA DÍAZ *(Universitat Jaume I)* - The workshop of the interoperability comprises a compressed version of the habitual "Interoperability Day" celebrated in conjunction with the technical meetings OGC in some parts of the world. High representatives of OGC environment will present some of the new initiatives of the consortsium, and partners of OGC will present the newest advances of the proofs "Testbed". Representatives of the environment Spanish Spatial Data Infrastructure (IDEE from spanish) will also talk about the essential role of the international standards in the creation of interoperable Spatial Data Infrastructure.	**Workshop 9. "gvSIG raster & remote sensing"** NACHO BRODÍN *(IVER T.I.)* and DIEGO GUERRERO *(IDR – Instituto de Desarrollo Regional de Albacete-UCLM)* - Demonstration of the functionality in the remote sensing and the raster imagery processing. The novelties will be presented and a review of the whole functional group will be done.	**Workshop 10. "Spatial information in development cooperation projects: search and use"** CÀROL PUIG *(UPC)* y MARTA ZORNOZA *(IVER T.I.)* - Workshop oriented to the gvSIG usage in development cooperation projects. Special attention will be drawn to one of the main problems when dealing with such projects: the search, localizing and use of cartography. Several exercises showing gvSIG potential as an analitical tool will be developed.
18:00	**Closing session** MICHAEL GOULD *(Universitat Jaume I)*		
18:30	**End of sessions**		

Auditorium 2   Auditorium 3   Break-out Room 6+7

Thursday, december 4, 2008

8:15	**Registration**

9:00

Paper Session 1
Moderator: MARTÍN GARCÍA *(Head of the Organization and IT Service. Conselleria d' Infraestructures i Transport. Generalitat)*
- **"IGRIAM. A register management experience with gvSIG."**
OSCAR GERMÁN VÁZQUEZ ASENJO *(Director of the graphical bases project for the Colegio de Registradores de la Propiedad, Bienes Muebles y Mercantiles de España)*
- **"Using gvSIG in forestry, firefighting and environmental management in the provinces of Trieste, Gorizia (Italy) and Sežana (Eslovenia)."**
ALESSANDRO SGAMBATI *(Ispettorato Ripartimentale delle Foreste Trieste e Gorizia)*

10:00

Opening session
Honorable Sr. D. MARIO FLORES LANUZA *(Conseller d' Infraestructures i Transport. Generalitat).*

Status report
GABRIEL CARRIÓN *(Director of gvSIG project. Conselleria D'Infraestructures i Transport. Generalitat).*

10:30	**Coffee**

11:00

Paper Session 2
Moderator: ANA CLIMENT *(General Administrative Secretary. Conselleria d' Infraestructures i Transport. Generalitat)*
- **"Up to date Presentation and Process Optimization with OpenGIS – Status and Perspective for the work of the Chambers of Commerce and Industry-".**
ANDREAS FRITZSCHE *(Head of division Site Consultation, SISBY, GIS and Statistics. Chamber of Industry and Commerce for Munich and Upper Bavaria)*
- **"Management and Analysis of Road Data with gvSIG "**
Mª DOLORS ARTEAGA I REVERT *(Geodetics and Cartography Engineer)*
- **"EduSIG. gvSIG as education tools fro geography learning"**
JUAN ANTONIO BERMEJO DOMINGUEZ *(GIS Engineer- Cabildo Insular de La Palma)*
RAÚL JUNCOS *(Conselleria d'Educació. Generalitat).*

Paper Session 3
Moderator:
- **"Integrating catalog and GIS tools: access to resources from CatMDEDit thanks to gvSIG."**
JAVIER NOGUERAS ISO *(Universidad de Zaragoza)*
JESÚS BARRERA *(Universidad de Zaragoza)*
- **"Urbanism applications on gvSIG. Planning design tools in Extremadura Region."**
FERNANDO CEBALLOS-ZUÑIGA RODRÍGUEZ *(Consejería de Fomento- Junta de Extremadura)*
FCO. JAVIER RUBIO MURIEL *(Consejería de Fomento- Junta de Extremadura)*
- **"gisEIEL, the GIS application for the exploitation of the EIEL in A Coruña"**
MIGUEL RODRÍGUEZ LUACES *(Professor. Universidad de A Coruña)*

12:30

Paper Session 4
Moderator: LLUÍS VICENS *(Servici de SIG i Teledetecció (SIGTE).*
- **"DielmoOpenLiDAR: Analysis of LiDAR data on gvSIG"**
JOSÉ CARLOS GARCÍA GONZÁLEZ *(CEO. DIELMO 3D S.L.)*
- **"Community census in Venezuela"**
JOSE CAMPOS LOAIZA *(Geomatics director. Hidrofalcon-Hidroven. Venezuela)*
VALENTY GONZALEZ *(GIS Consultant. Creativa. Venezuela)*

Paper Session 5
Moderator: DANIEL SÁEZ *(Head of Technological Innovation Department. I.T. Technological Institute (ITI)).*
- **"OSGeo and the Local Chapter for the Spanish-speaking Community"**
LORENZO BECCHI *(Member of the OSGeo-es Steering Committee. ominiverdi.org)*
PEDRO-JUAN FERRER MATOSES *(Member of the OSGeo-es Steering Committee. GIS Analyst, TRAGSA)*
- **"How to organize the francophone gvSIG community?"**
ERWAN QUESSEVEUR *(Docente investigador.Univ. de Rennes 2)*
FRANÇOIS LEPRINCE *(Co-director. Alkante)*
FLORENT DEMORAES *(Docente investigador.Univ. de Rennes 2)*

13:30	**Lunch**

15:30

Papers Session 6
Moderator: MIGUEL MONTESINOS *(Technical Director. Prodevelop)*
- **"gvSIG Mobile on Openmoko: Ubiquitous Spatial Data at Oxford Archaeology"**
JOSEPH REEVES *(IT R&D, Oxford Archaeology)*
JUAN LUCAS DOMÍNGUEZ *(GIS applications developer, Prodevelop SL)*
- **"gvSIG and archaeological management: towards a new GIS and SDI concept regarding knowledge and protection of archaelogical heritage"**
JAVIER FERNÁNDEZ LÓPEZ DE PABLO. *(Research Scholar. Department of Anthropology. Univ. of California Santa Barbara)*
- **"Ceramics distribution analysis in the Mas d'Is site (Penàguila, Alacant)"**
AGUSTÍN DIEZ CASTILLO *(Departament de Prehistòria i Arqueologia. Universitat de València)*

Paper Session 7
Moderator: VÍCTOR OLAYA *(Univ. Extremadura)*
- **"libLocation: access to location devices for gvSIG Desktop and Mobile"**
JUAN GUILLERMO JORDÁN ALDASORO *(Research technician, Institute of Robotics. Universidad de Valencia).*
- **"Evaluation of FOSS4G software projects for enviromental aplications. Evaluation of gvSIG."**
RAFAL WAWER *(Katholieke Universiteit Leuven Spatial Applications Division)*
- **"OSOR.eu: The IDABC Open Source Observatory and Repository"**
ISMAEL OLEA

17:00	**Round table 1.**
18:30	**End of sessions**

Auditorium 2   Auditorium 3   Break-out Room 1+2

Moving forward together

	Friday December 5, 2008
8:30	**Registration**
9:00	**Paper Session 8** / **Paper Session 9**
10:30	**Coffee**
11:00	**Paper Session 10** / **Paper Session 11**
12:30	**Paper session 12**
13:45	**Closing session**

Friday December 5, 2008

8:30 — Registration

9:00

Paper Session 8
Moderator: ANTONIO QUINTANILLA (IDR – Instituto de Desarrollo Regional de Albacete-UCLM)
- "An open-source based multinational SDI for managing disaster risk"
GABRIELA MAJIC (IVER T.I.)
LUIS RUIZ (IVER T. I.)
- "The elements of SIG experience"
DAVID MARTINEZ MORATA (GIS Consultant, Cartographer. ThinkingGIS)
- "gvSIG application responding to planning zones, according to nuclear emergency plans."
GREGORIO PASCUAL (Dirección General de Protección Civil. Ministerio del Interior)
ISABEL MONTÓN (Unidad de Protección Civil de la Delegación del Gobierno en la Comunidad Valenciana)

Paper Session 9
Moderator: Mª LUZ PEÑARRUBIA (IVER T.I.)
- "Environmental Studies in the Region of Valencia, using gvSIG"
JOSÉ MANUEL PÉREZ DE SOUSA. (Department director. Vielca Medioambiente)
- "Environmental seduction: an SDI geoportal for the public participation in the management of protected areas"
JAVIER JIMÉNEZ ROMO (City of Valencia)
SALVADOR BAYARRI ROMAR (IVER T. I.)
- "IDEACV: a, SDI-based Territorial Information System for local private and public management."
JUAN CARLOS VICEDO BELTRÁN (Municipality of Santa Pola)
JOSÉ MIGUEL ROSA CASTILLO (IVER T. I.)

10:30 — Coffee

11:00

Paper Session 10
Moderator:
- "Progress in the Spatial Data Infrastructure for the Island of La Palma and gvSIG: new SDI services and application for classified activities."
JUAN ANTONIO BERMEJO DOMINGUEZ (GIS Engineer-Cabildo Insular de La Palma)
ALVARO ANGUIX ALFARO (Technical/commercial advisor - IVER T.I.)
- "MapLink: real-time geographic information with gvSIG."
FRANÇOIS LEPRINCE (Co-director. ALKANTE SAS)
- "Municipal and inter-municipal Territorial Information System –SITMI– in Guatemala."
MOISÉS POYATOS BENADERO (Program of Democratic Municipalities, Municipal and Intermunicipal Planning)
WALTER GIRÓN (Program of Democratic Municipalities, Municipal and Intermunicipal Planning)

Paper Session 11
Moderator: LORENZO BECCHI (Ominiverdi.org. OSGeo Charter Member).
- "4D City Modelling System."
JORGE PIERA (IVER T.I.)
VICENTE CUELLAR MORO (Director General. Vianova Systems Spain)
- "gvSIG as base for GIS tools development."
ANTONIO QUINTANILLA (IDR – Instituto de Desarrollo Regional de Albacete-UCLM)
DIEGO GUERRERO (IDR – Instituto de Desarrollo Regional de Albacete-UCLM)
- "Experiences implementing the Old Habana local SDI. Consolidating its technological infrastructure based on free software and open source applications."
JORGE L. BATISTA ECHEVARRÍA (Grupo de Desarrollo de Software, Dirección de Informática y Comunicaciones, Oficina del Historiador de la Ciudad de La Habana)
AHMED RODRÍGUEZ PANDO (Grupo de Desarrollo de Software, Dirección de Informática y Comunicaciones, Oficina del Historiador de la Ciudad de La Habana)

12:30

Paper session 12
Moderator: JUAN ERNESTO RICKERT (Information Technology Manager. Military Geographic Institute of Argentina).
- "Multitemporal evaluation of the morphology of the Patía river, Nariño region, Colombia"
CÀROL PUIG (Professor. Departament of Terrain, Cartography and Geophysics Engineering at the Universitat Politècnica de Catalunya)
- "Spatial Data Infrastructure in Venezuela and Geomatics tools for the Communal Power"
CARLOS FIGUEIRA (President. CNTI. Venezuela)
- "GIS and virtual simulation for the creation of commercial enterprises: the ENCERTA project in the General Directoriate of Comerce and Consumer Affairs."
FIDEL GARCIA MESEGUER (Head of Regulations and Inspection Unit in the General Directoriate of Commerce and Consumer Affairs. Conselleria d'Indústria, Comerç i Innovació de la Generalitat)

13:45 — Closing session

☐ Auditorium 2   ☐ Auditorium 3