

GeoRepository – Meeting Minutes

23/dec/2010

2010



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GeoSolutions S.A.S.

TechRep #5/2010



E-GEOS GeoRepository

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E-GEOS GeoRepository

Introduction

This document summarizes the meeting about GeoRepository done at 23th December 2010.

Participants (in alphabetical order):

- Alessio Fabiani
- Andrea Aime
- Marco Corsi
- Simone Giannecchini

We refer here to the goole document “filtri_v1”

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Discussion on GUI

Filter Profiles

One issue pointed out was how to manage filters definition.

On the document we often refer to filters assigned to users and specific for each user needs. Nevertheless a column reporting the label "Profile" has been also added, indicating a sort of common functionalities among all filters defined for a certain profile/group.

What we decided finally is as follows:

- Define standard profiles for users with common settings
- Allow administrator to customize filters by user

Web-GIS Communication

Web-GIS platform needs to get user's filter definitions in order to enable/disable the corresponding functionalities.

At this time Web-GIS already uses some XML schema to configure the gui elements.

We envisage to allow GeoRepository exchange XML files in the same Web-GIS format in order to send users' filter definition.

This point still must be detailed and inspected however.

It would be very useful to have more details on Web-GIS XML configuration files.

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Integration with Web-GIS and SGU security system

One of the most important focuses of the whole system, is the integration with Web-GIS and SGU security system.

The solution proposed until now is to exchange basic information between SGU and Web-GIS/GeoRepository through a simple LDAP schema.

The idea is to allow SGU managers to create simple users with a profile and store them on LDAP.

GeoRepository must therefore:

- Authenticate against LDAP
- Grab the User profile/group from LDAP and load the corresponding filters configuration
- Store on a local DB the custom changes to the users' filter definitions
- Be able to maintain the alignment between DB and LDAP (expecially in the case SGU decides to remove a user or to change the user's profile).

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Next Steps

1. We need as soon as possible (before the first/second week of January) something to test the integration with LDAP server, possibly with basic profiles allowing to filter against services (see rows B5:B9 of "filtri_v1")
2. We need in a week or two the architecture and DB schema of the object model in order to start discussion threads and test implementation with the customer
3. We need for the end of January a version of GeoRepository with all filters even if they are not fully functional especially the advanced ones. No SLD editor for this date. We will have about 1 month more time to test and improve GeoRepository functionalities before the start of the testing phase.

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