

**SANGOMA: Stochastic Assimilation for the
Next Generation Ocean Model Applications
EU FP7 SPACE-2011-1 project 283580**

Deliverable 2.1: SVN server description for
collaborative development Due date: 30/11/2011

Delivery date: 15/12/2011

Delivery type: Report , public



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Chapter 1

Sourceforge

The project development platform chosen is sourceforge and the project was setup <http://sourceforge.net/projects/sangoma/>

All partners have registered developers as members of the project and can contribute to SVN code uploads.

Permissions for Existing Project Members

Username	Real Name	SVN	Shell	Release	Tracker	Forums	News	Screenshots
abarth93	alex	Yes	Yes	No	-	-	-	-
brankart	Jean-Michel Brankart	Yes	Yes	No	-	-	-	-
heemink	Arnold Heemink	Yes	Yes	No	-	-	-	-
jmbeckers	Jean-Marie Beckers	Yes	Yes	No	A	Moderator	-	-
larsnerger	LNerger	Yes	Yes	No	-	-	-	-
laurentbertino	Laurent Bertino	Yes	Yes	No	-	-	-	-
lucieiskandar	Lucie Iskandar	Yes	Yes	No	-	-	-	-
mtroest	Mark Roest	Yes	Yes	No	-	-	-	-
nilsvanvelzen	Nils van Velzen	Yes	Yes	No	-	-	-	-
pbrasseur	Pierre Brasseur	Yes	Yes	No	-	-	-	-
verlaanm	Martin Verlaan	Yes	Yes	No	-	-	-	-

Presently the server already contains a series of templates for Sangoma documents as well as html files for the Sangoma web pages.

Chapter 2

SVN organization for Sangoma codes

Collaborative developments are shared via

<http://sangoma.svn.sourceforge.net/viewvc/sangoma/>.

SOURCEFORGE

SourceForge.net > [Find Software](#) > [sangoma](#) > SCM Repositories > sangoma

SCM Repositories - [sangoma](#)

Files shown: 0
Directory revision: [64](#) (of [64](#))
Sticky Revision:

File	Rev.	Age	Author	Last log entry
LaTeXtemplates/	40	8 days	jmbeckers	
Logos/	24	3 weeks	jmbeckers	
tools/	23	4 weeks	abarth93	
workpackages/	39	9 days	verlaanm	wp1 : first attempt at fortran make file
www/	64	21 hours	jmbeckers	

[Download GNU tarball](#)

[SourceForge Help](#) [ViewVC Help](#) [Powered by ViewVC 1.1.6](#)

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2.1 Directory layout

The following layout of the file system is proposed:

tools: assimilation tools developed in the frame of this projects

trunk: the main line of development in a SVN repository.

src: source code of the tools

tests: test suite

branches: divergent copies of development lines for experimental development. Every folder it contains will be a copy of the entire trunk folder with a descriptive name of the development.

tags: named, stable snapshots of the trunk released to users. The suggested naming convention is rX.Y.Z where X, Y, Z are version numbers

(X: major version number for API changes, Y: minor version number without API changes, Z: patch level for small bug fixes)

workpackages: results for different workpackages (except the files to be distributed which should go in tools) in sub-directories wp1, wp2,...

Logos: logos and images in EPS format

LaTeXtemplates: Templates for LaTeX documents (such as presentations and reports)

www: content of web-server

html: the document root of the web-server. All its content will be available through the web-server.

cgi-bin: CGI (Common Gateway Interface) scripts (if necessary).

2.2 SVN strategy

It is suggested to follow the “Branch-When-Needed” strategy ([Subversion Best Practices](#)):

- Users commit their day-to-day work on /trunk.
- Rule 1: /trunk must compile and pass the majority of regression tests.
- Rule 2: a single commit (changeset) must not be so large so as to discourage peer-review.
- Rule 3: if rules 1 and 2 come into conflict (i.e. it's impossible to make a series of small commits without disrupting the trunk), then the user should create a branch and commit a series of smaller changesets there. This allows peer-review without disrupting the stability of /trunk.