



## **NURESAFE WP1.1**

**Testbed for integrated coupling and UQ methods**

# **Use of the NURESAFE svn repository**

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# Use of the NURESAFE svn repository

- Accessible in <https://www-svn-corpus.cea.fr/nuresafe>

Repository Index

Name ▲	Size	Rev	Age	Author	Last Change
▶ corpus		375	–	–	–
▼ nuresafe		267	24 hours	jjimenez	Updated Nodal XS libraries of WP1.4 to the last release
▶ ATHLETCPP_SRC		248	11 days	perin	up ATHLET lib
▶ COBAYACPP_SRC		26	21 months	nc203726	add the content of the old CVS COBAYA base
▶ CTFCPP_SRC		251	10 days	perin	first version of hexpin meshing
▶ DYN3D_2GCPP_SRC		259	8 days	gommlich	Create a 3 component boundary field. Needed for velocity vector fields ...
▶ DYN3DCPP_SRC		21	21 months	nc203726	fill the directory with the content of old CVS repository
▶ NURESIM		265	45 hours	jjimenez	Removed old file
▶ Oskarshamn-2		260	8 days	jjimenez	Updated input decks of ATHLET and COBRA-TF for enabling the coupling ...
▶ PCOBYACPP_SRC		25	21 months	nc203726	add a new directory yo hold sources of parallel COBAYA component
▶ SALOME_PREREQ_ARCHIVES		50	15 months	nc203726	add SOURCES directory from CD.
▶ SAT		267	24 hours	jjimenez	Updated Nodal XS libraries of WP1.4 to the last release
▶ SCANAIACPP_SRC		17	21 months	nc203726	Add directories to hold sources of cobaya, dyn3d and scanair
▶ SUBCHANFLOWCPP_SRC		195	4 months	jjimenez	Deleted the method set_powermap_SCF and bug fixed in ...
▶ TRANSATCPP_SRC		128	6 months	dabir	Documentation added

Note: See [TracBrowser](#) for help on using the repository browser.

[View changes...](#)



# Use of the NURESAFE svn repository

- On the 26.06.2015 nuresafe svn was in the revision 267

The screenshot shows the SVN repository interface for 'nuresafe'. The page is titled 'source: nuresafe @ 267'. It includes a navigation bar with 'WIKI', 'BROWSE SOURCE', 'VIEW TICKETS', and 'NEW TICKET'. The user is logged in as 'jjimenez'. The revision log shows the following entries:

Diff	Rev	Age	Author
<input checked="" type="radio"/>	<input checked="" type="radio"/> @267	23 hours	jjimenez
<input type="radio"/>	<input type="radio"/> @266	45 hours	jjimenez
<input type="radio"/>	<input type="radio"/> @265	45 hours	jjimenez
<input type="radio"/>	<input type="radio"/> @264	3 days	gommlich

Revision 267 description: Updated Nodal XS libraries of WP1.4 to the last release.

Revision 266 description: Updated Hexbundle to generate a full deck.inp and the needed files by the CXX.

Revision 265 description: Removed old file.

Revision 264 description: Version 0.0.2 of MPI supervision tool. Some extending, restructuring and fixing. Most related to transfer boundary fields from external sources to an ICoCoCode.

- File transfer added
- External library using extended with initialization functionality.
- Field copping in case field component reduction.



# Use of the NURESAFE svn repository

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- All CEA components are in the corpus repository, so the changes in non-CEA tools are here represented.
- Looking at the log file, very few people is using this.
- From the last 150 commits (8 months):
  - jjimenez :            **70**        J. Jimenez (KIT)
  - perin:                **30**        Y. Perin (GRS)
  - nc203726:           **23**        N. Crouzet (CEA)
  - gommlich:           **25**        A. Gommlich (HZDR)
  - dabir:                **2**         TRANSAT (ASCOMP)
- **Only 4 users were active in the svn repository!!**



# Use of the NURESAFE svn repository

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- **The main objective of the svn repository has not been yet achieved during the project:**
  - A shared point where everybody could get access to the input decks, coupling scripts, latest versions of XS libraries, etc...
    - This speed up bug tracking, improve code robustness.
    - Use of codes integrated within the SALOME platform.
    - Good for non-regression testing.
    - Simplifies email communication, no files attached in emails that can get lost in space or time.
    - Tracking of changes, different versions of input decks.



## Use of the NURESAFE svn repository

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- Of course, each partner can chose his way of working within the project, but it could be not the most efficient way for finalizing some tasks, specially the ones related to code coupling.
- The **NO** use of the NURESAFE svn repository can explain partially the big delays in some WP.