



Journée Capsis 2010

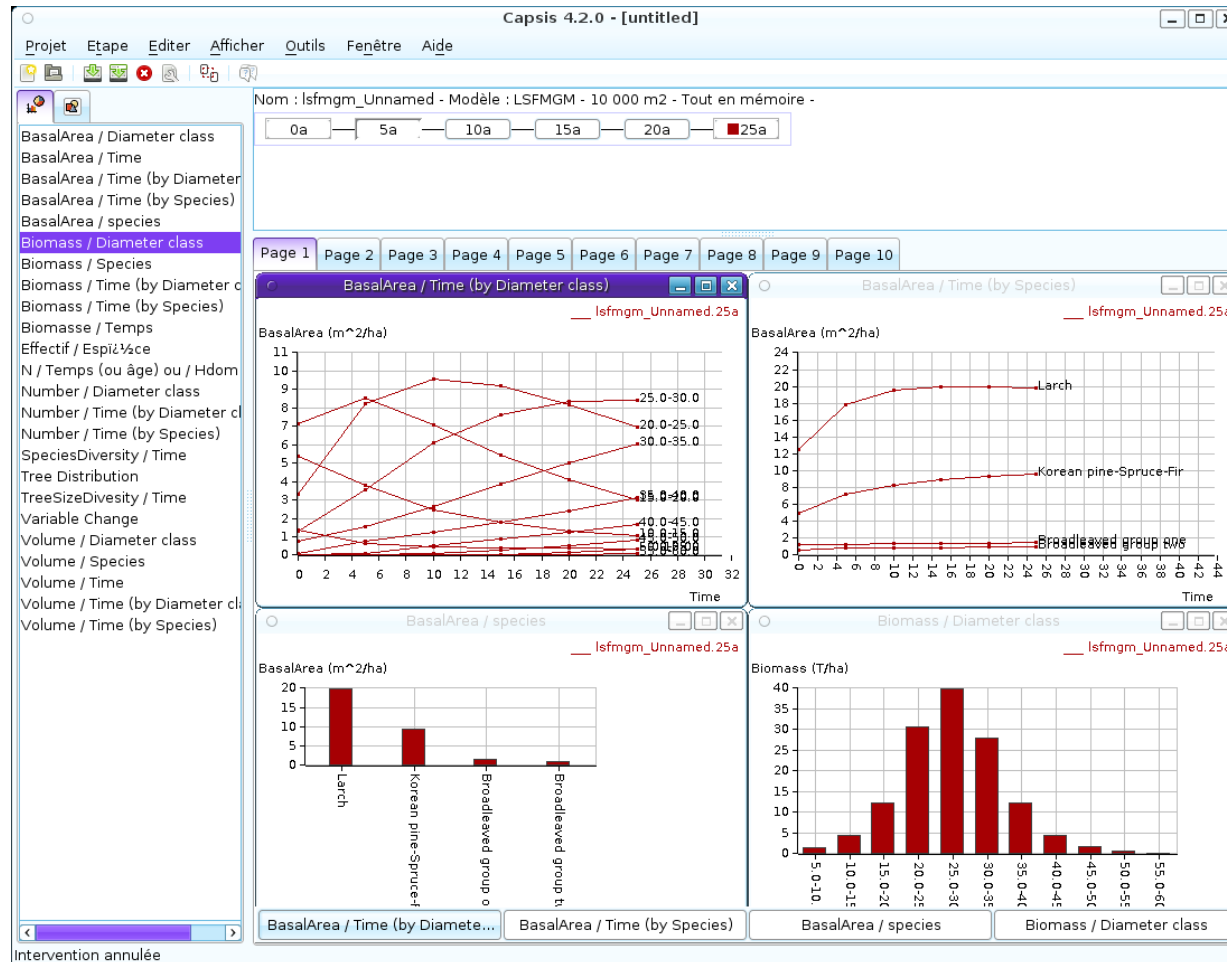
22 Juin 2010

INRA - UMR AMAP
botanique et bioinformatique de l'Architecture des Plantes

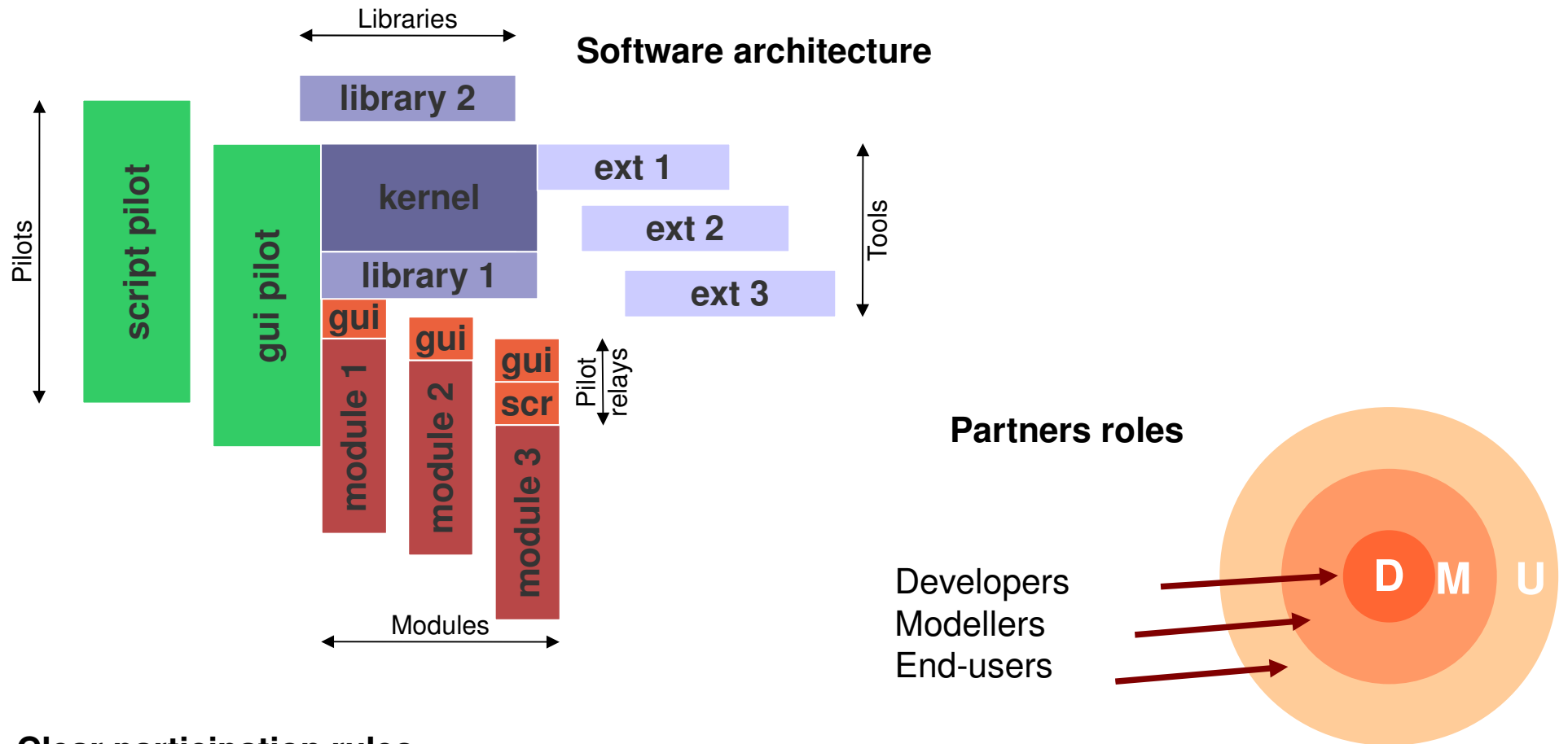


Cahier des charges inchangé depuis 1994

Objectif : Construire une **plate-forme logicielle générique** pour intégrer des modèles de croissance et de dynamique forestière pour les modélisateurs, les gestionnaires forestiers et l'enseignement



Organisation stable depuis 1999



Clear participation rules

- The common part is free (LGPL): green / blue parts
- The capsis charter rules (extract)

Modellers develop themselves their modules

The modules belong to their authors (orange / red parts),

The source codes are shared within the community...

The Capsis community:
Developers + Modellers **co-develop**
together

modèles

> 50 modèles intégrés

Peuplement

Arbre

Individu centré

Spatialisé

Mixte

...

extensions

Interventions (éclaircies...)

Graphiques / Export de données

Visus 2D / 3D

Stockage de carbone

Qualité du bois

autres

...

bibliothèques

Génétique

Analyse Spatiale

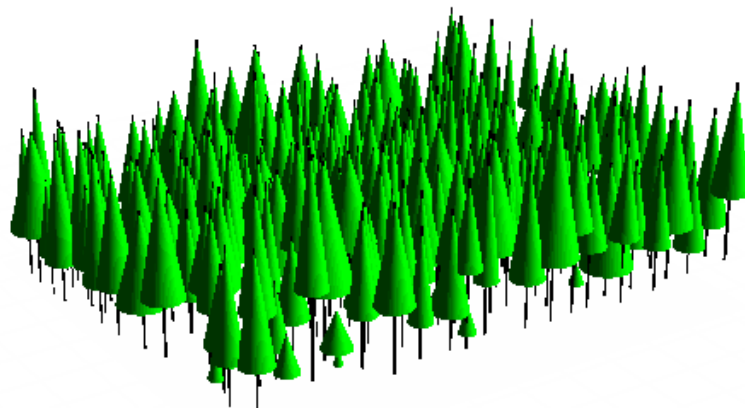
Biomécanique

Economie

Connection modèles

externes

...



Capsis
Computer-aided projection of strategies in silviculture

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Capsis is a simulation platform for forestry growth / dynamics models. It is a tool for forestry researchers, forest managers and educational purpose.

Community News

- Capsis web site is now accessible from <http://capsis.cirad.fr> and <http://www.inra.fr/capsis> (sdk - 23.2.2009)
- The migration of Capsis from CVS to the SVN version system was completed. The Capsis Modellers can get their new local copy of Capsis (the one to work inside from now on) from SVN with the help of the SVN documentation. The CVS server was disconnected: no further work is possible on the CVS local copies. (fc - 30.1.2009)
- New presentations have been added in the Documentation page to be used by the members of the project in their own presentations. They can be used directly in .pdf format and are also available in .ppt or .odp for adaptation. (fc - 30.1.2009)
- The Capsis website has been transferred to a wiki (allowing online page edition). Some page may be still missing but, it should be corrected shortly (sdk - 21.11.2008)
- Samuel Dufour (INRA) has joined AMAP and the Capsis team as a second permanent developer. He will take care of the project management tools, but also of design, development, support and progressively all the usual tasks concerning Capsis (fc - 3.11.2008)
- RReShar is a new project concerning regeneration in Capsis. It was linked with the new SamsaraLight library for reusing the radiative balance method in the Samsara project. See [models](#). (fc - 3.10.2008)
- Capsis now contains several 3D tools based on the Sketch library. This library was initially built for the FireParadox project. The Sketch framework makes it possible to draw various sketch scenes and objects. Here: a scene of the Samsara model by Benoit Courbaud (Cemagref). (fc - 3.10.2008)
- The last Capsis meeting has taken place in Montpellier on June 17th. (fc - 3.10.2008)
- Robert Schneider (UGAM) spent two weeks in Montpellier (19-30 may). We integrated within Capsis his JackPine model based on the Crocus / PipeCul model by Annikki Mäkelä (University of Helsinki, Finland). JackPine was ported from the MatLab environment. (fc - 2.6.2008)
- The Capsis modellers 2008 training session took place in Montpellier on february, 13-14 with 10 trainee modellers. See [documentation](#). (fc - 15.02.2008)

News Archive

Software News

- Capsis version 4.1.7 by Samuel Dufour-Kowalski (2008/02/17 10:50)

<http://capsis.cirad.fr>

<http://www.inra.fr/capsis>