CellML Model Development with

DISTRIBUTED

Version Control System
Old school: copies of files

Original Files

Original Files with Mistakes corrected

Original Files with Awesome new Features

Now what?
Revision Controlled

Central Repository

Tanaka

Smith

???

NO

Wong

Dawson

Chan
Why Distributed?

Central Repository

YES!!
Cloning (to start working)

outta my way plz
Pushing and Pulling Changes

Pulling (and merging) new changes from origin

Pushing Back to Origin (requires permission)
Merging and Conflicts

Resolving conflicts requires human interaction

Merge was successful here

Conflict with this merge
Commit (making Changesets)

commit 1: Egg after removal of nucleus

commit 15: Dolly is grown up

commit 18: Dolly is the Birthday Princess that goes baa! Ewes don't go moo? Big oversight fixed!
Exposing a good product

The birthday hat is a perfect cone, satisfies conic birthday hat equation constraints.

The ewe is happy.

The ewe goes baa!

Download model

Listing of Model Workspaces:

<table>
<thead>
<tr>
<th>Name</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>beeler_reuter_1977</td>
<td>[info]</td>
</tr>
<tr>
<td>higest</td>
<td>[info]</td>
</tr>
<tr>
<td>Buckets</td>
<td>[info]</td>
</tr>
</tbody>
</table>
You are here: Home → hgpmr

Navigation
- hgtmp
- beeler_reuter_1977
- Buckets
- Waterplay

Contents  View  Edit  Browse  Properties  Sharing

- view log
- list other branches
- show full commit history

Listing of Files in this project:

<table>
<thead>
<tr>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BucketTest1.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>buckets/data</td>
<td>[info]</td>
</tr>
<tr>
<td>Bucket.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>massDependentValve.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>BucketTest4.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>BucketTest2.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>BucketTest3.cellml</td>
<td>[info]</td>
</tr>
<tr>
<td>BucketsTest4.session</td>
<td>[info]</td>
</tr>
<tr>
<td>.hqtags</td>
<td>[info]</td>
</tr>
</tbody>
</table>

The Plone® CMS — Open Source Content Management System is © 2000-2008 by the Plone Foundation et al.
Commit: 32992a94a639291f0dd561a3ff05c4d09d247745
Author: tyu030@bioeng77.bioeng.auckland.ac.nz
Date: (1202334040.0, -46800)
Branch: testing
Log: More testing data in data for testing.

Commit: 9ec1147921c08efa5ae473061bd502924e65c09
Author: tyu030@bioeng77.bioeng.auckland.ac.nz
Date: (1202333996.0, -46800)
Branch: devel
Log: Updating devel.

Commit: 165adf310a730da6cf44d841bc7c18d2d545ce71
Author: tyu030@bioeng77.bioeng.auckland.ac.nz
Date: (1202333701.0, -46800)
Branch: default
Log: More data in default.

Commit: b5690ace049013012acd5a96cc0a2a392881f343
Author: tyu030@bioeng77.bioeng.auckland.ac.nz
Date: (1202333686.0, -46800)
Branch: default
 Logs
Commit: dba7f55f16526e0581a687f066ecf0fbb7a38a840
Author: tyu030@bioeng77.bioeng.auckland.ac.nz
Date: (1201656596.0, -46800)
Branch: default

Log:
Initial Bucket checkin.
Adding the buckets into a test mercurial repository.

- view log
- list other branches
- show full commit history
- expose this commit
- update this commit

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</table>
Model Workspace Name
The name of the workspace.
Buckets

Commit ID
The commit identifier to expose.
f7237d10cb20e0749a70

Initialize Upload

The Plone® CMS — Open Source Content Management System is © 2000-2008 by the Plone Foundation et al. Plone® and the Plone logo are registered trademarks of the Plone Foundation. Distributed under the GNU GPL license.
Title
Buckets

Tag
The tag to give/use for this exposed model. Think of this as a human readable version number.
1.0-rc1

Model Workspace Name
The name of the workspace.
Buckets

Commit ID
The commit identifier to expose.
$f7237d10cb20e0749a70$

Description
A brief description of this model

This is the Bucket model.

Documentation File
The file with the documentation. Currently this only supports tmp-documentation within the .cellml files.

Bucket.cellml
**Title**
Buckets-1.0-rc1

**Tag**
The tag to give/use for this exposed model. Think of this as a human readable version number.
1.0-rc1

**Model Workspace Name**
The name of the workspace.
Buckets

**Commit ID**
The commit identifier to expose.
f7237d10cb20e0749a7064ba0666b296dc789053

**Description**
A brief description of this model
This is the Bucket model.

**Documentation**
Detailed documentation.
These are the documentation extracted from Buckets.cellml.

**Contents**
Cached contents of the processed model files.
`{}`

**Curation**
What kind of rating this model has...

<table>
<thead>
<tr>
<th>units</th>
<th>conserve</th>
<th>math correct</th>
</tr>
</thead>
</table>

**Actions**
State: Private

**Sharing**