



Git Propaganda

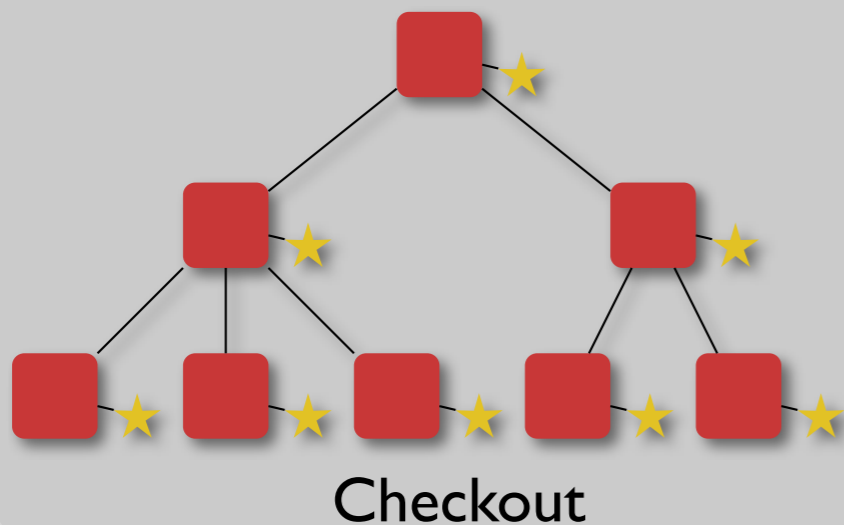
for Centralized Version Control Flunkies



Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company, for the United States Department of Energy's National Nuclear Security Administration under Contract DE-AC04-94AL85000.

Git Propaganda

Local



Remote



CVS/SVN

Per-directory droppings

Little to no history

update, commit

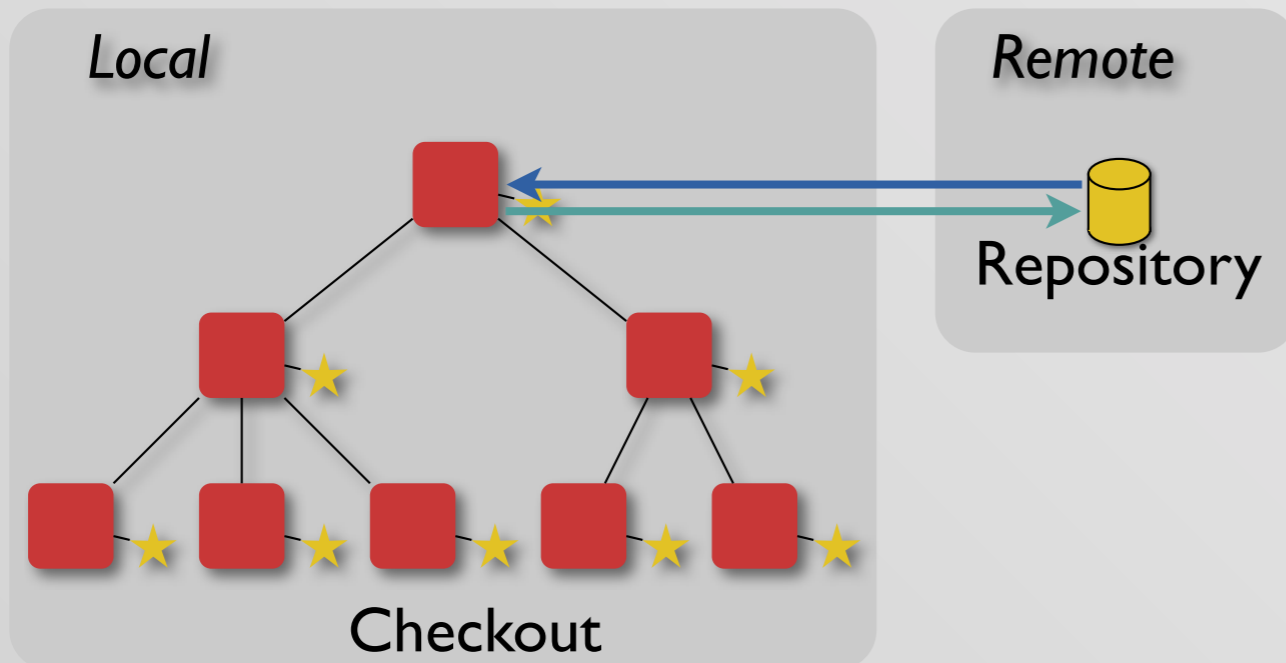
Git

One top-level dropping

All history

rebase/merge, commit
fetch, push

Git Propaganda



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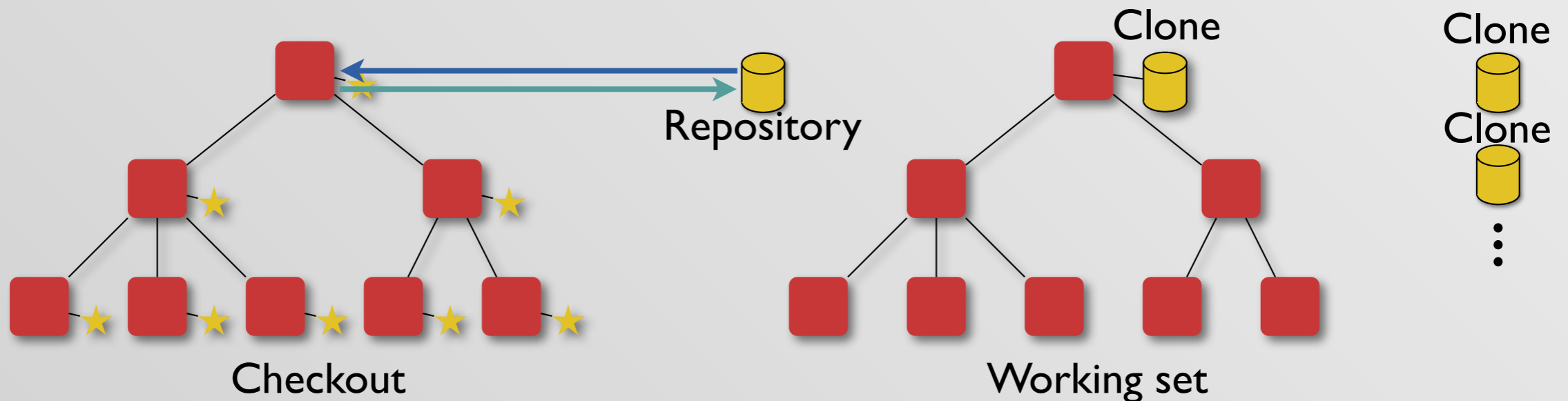
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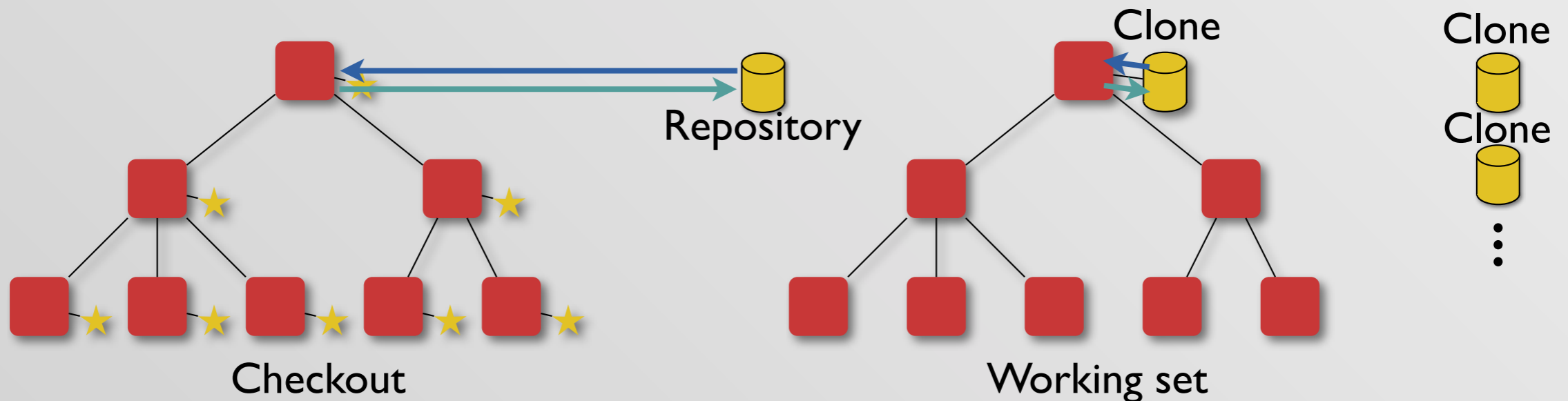
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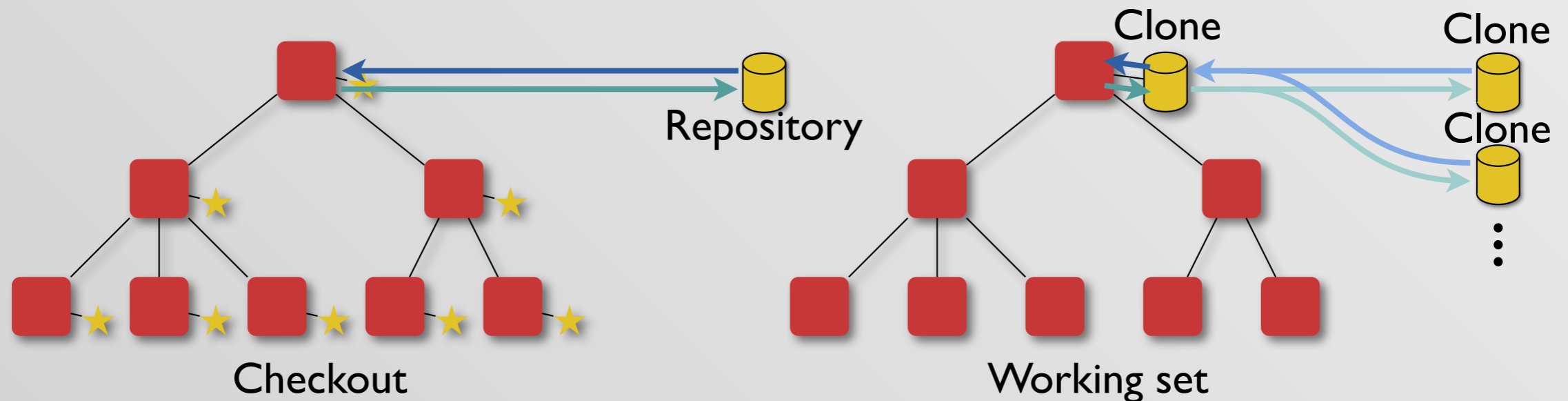
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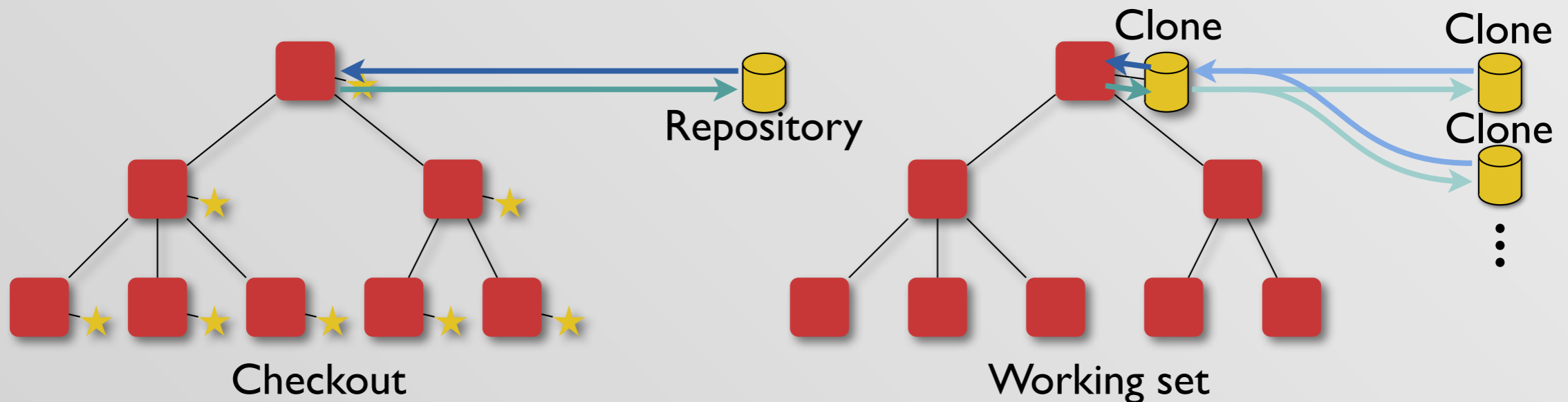
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Git Propaganda



Git Propaganda

- Your CVS and SVN are broken
 - Historical records are kept at politburo
 - Branching to checkpoint big changes is unsatisfying
 - Maintaining local modifications is arduous
 - Reordering commits is hard and fraught with peril



Git Propaganda

- Your CVS and SVN are broken
 - Historical records are kept at politburo
 - Branching to checkpoint big changes is unsatisfying
 - Maintaining local modifications is arduous
 - Reordering commits is hard and fraught with peril
- Broken systems lead to bad behavior
 - Large infrequent “surprise!” commits
 - Tragedy of the commons: no one checks in small fixes

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- Your CVS a
 - Historical
 - Branching
 - Maintaining
 - Reordering
- Broken sys
 - Large infre
 - Tragedy of
- Git can fix your broken system, but only you can prevent bad version control



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unsatisfying
ous
t with peril
or
ks in small fixes

(Image from SmokeyBear.com)



Git Propaganda

- **gitorious.org** – free hosting + server SW
<http://gitorious.org/>
- **github.com** – free hosting
<http://github.com/>
- **gitk, gitg, gitx, tig** – repository tree visualization
<http://www.us.kernel.org/pub/software/scm/git/docs/gitk.html>
<http://trac.novowork.com/gitg/wiki/>
<http://gitx.frim.nl/>
<http://jonas.nitro.dk/tig/>
- **ticgit** – lightweight issue tracking
<http://wiki.github.com/schacon/ticgit/>
- **gitwiki** – in-repository wiki
<http://github.com/minad/git-wiki>



Gitorious

Gitorious

Gitorious aims to provide a great way of doing distributed opensource code collaboration. It also powers this site.

mainline

[★ Start watching](#)

[Commit log](#) [Source tree](#) [Merge requests \(31\)](#)

```
git clone git://gitorious.org/gitorious/mainline.git (Git / HTTP)
```

Labels: [ruby](#), [git](#), and [rails](#)

License: GNU Affero General Public License (AGPLv3)

Owner: [~johan](#)

Created: 06 Jan 01:20

Website at [gitorious.org](#)

Mailinglist at [groups.google.com](#)

[Wiki](#)

Activities

TUESDAY MARCH 30 2010

- 16:58 **Peter Kjellerstedt requested merge of [~saur/gitorious/saurs-mainline](#) with mainline** MERGE REQUEST
 This should hopefully lessen the number of support emails to support@gitorious.org about technica...
- 16:56 **Peter Kjellerstedt created branch [support_config](#) on [gitorious/saurs-mainline](#)** COMMIT
- 13:05 **Peter Kjellerstedt requested merge of [~saur/gitorious/saurs-mainline](#) with mainline** MERGE REQUEST
 The current support for tags (and branches) containing characters like periods,

Repository clones

No results

Team clones (1)

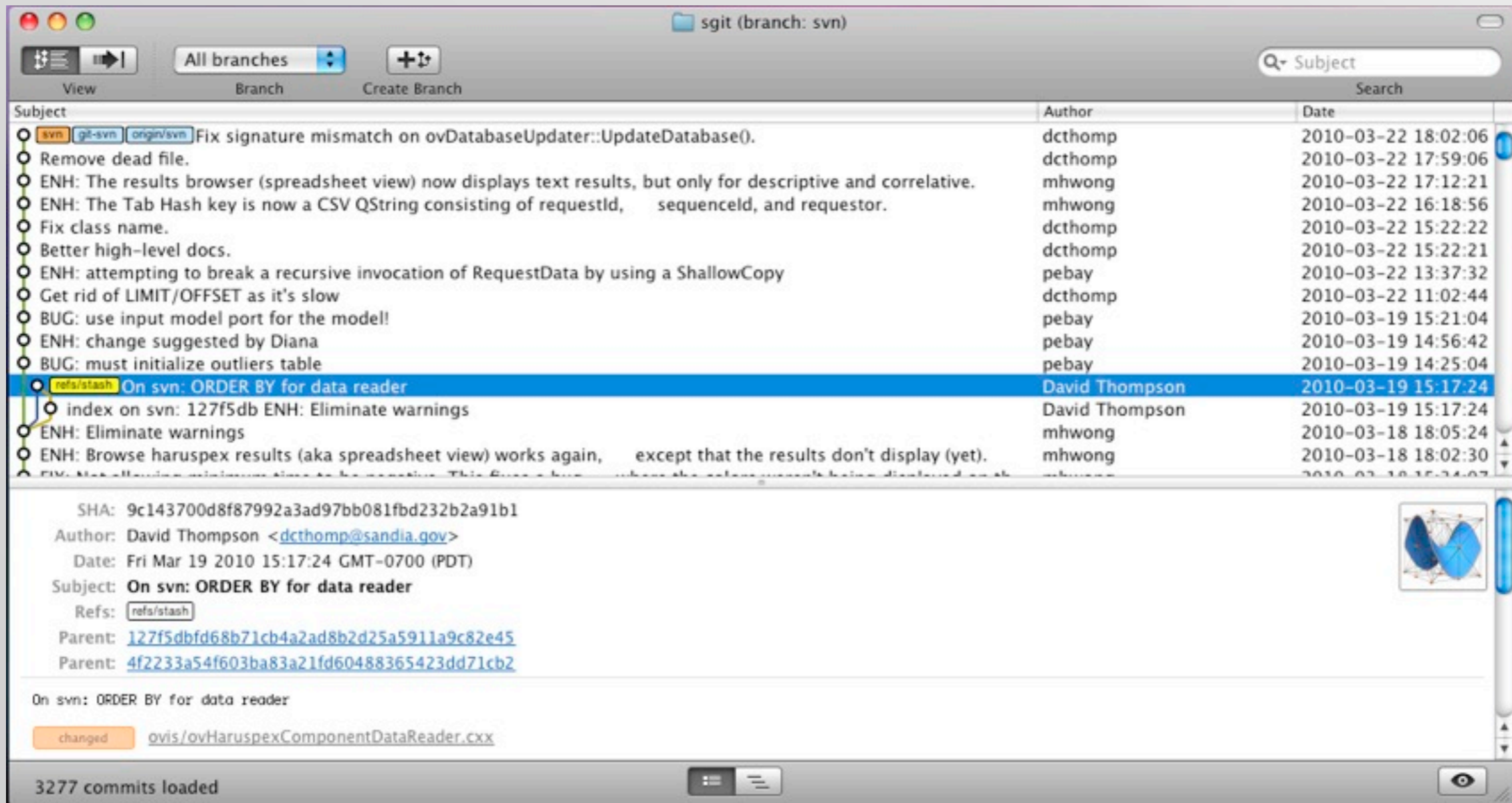
[base_uri-fixes](#)
 fossa

Personal clones (131)

[saurs-mainline](#)
 Peter Kjellerstedt

[mguymons-gitorious](#)
 mguymon

Git Propaganda



The screenshot shows the Git GUI application window titled "sgit (branch: svn)". The interface includes a top toolbar with "View", "Branch", and "Create Branch" buttons, and a search bar labeled "Subject". The main area displays a commit history table with columns for Subject, Author, and Date. The selected commit is highlighted in blue.

Subject	Author	Date
Fix signature mismatch on ovDatabaseUpdater::UpdateDatabase().	dcthomp	2010-03-22 18:02:06
Remove dead file.	dcthomp	2010-03-22 17:59:06
ENH: The results browser (spreadsheet view) now displays text results, but only for descriptive and correlative.	mhwong	2010-03-22 17:12:21
ENH: The Tab Hash key is now a CSV QString consisting of requestId, sequenceId, and requestor.	mhwong	2010-03-22 16:18:56
Fix class name.	dcthomp	2010-03-22 15:22:22
Better high-level docs.	dcthomp	2010-03-22 15:22:21
ENH: attempting to break a recursive invocation of RequestData by using a ShallowCopy	pebay	2010-03-22 13:37:32
Get rid of LIMIT/OFFSET as it's slow	dcthomp	2010-03-22 11:02:44
BUG: use input model port for the model!	pebay	2010-03-19 15:21:04
ENH: change suggested by Diana	pebay	2010-03-19 14:56:42
BUG: must initialize outliers table	pebay	2010-03-19 14:25:04
On svn: ORDER BY for data reader	David Thompson	2010-03-19 15:17:24
index on svn: 127f5db ENH: Eliminate warnings	David Thompson	2010-03-19 15:17:24
ENH: Eliminate warnings	mhwong	2010-03-18 18:05:24
ENH: Browse haruspex results (aka spreadsheet view) works again, except that the results don't display (yet).	mhwong	2010-03-18 18:02:30
Fix: Not allowing minimum time to be negative. This fixes a bug where the column wasn't being displayed on th	mhwong	2010-03-18 15:24:07

SHA: 9c143700d8f87992a3ad97bb081fbd232b2a91b1
Author: David Thompson <dcthomp@sandia.gov>
Date: Fri Mar 19 2010 15:17:24 GMT-0700 (PDT)
Subject: **On svn: ORDER BY for data reader**
Refs: refs/stash
Parent: [127f5dbfd68b71cb4a2ad8b2d25a5911a9c82e45](#)
Parent: [4f2233a54f603ba83a21fd60488365423dd71cb2](#)

On svn: ORDER BY for data reader

changed [ovis/ovHaruspexComponentDataReader.cxx](#)

3277 commits loaded

<http://github.com/minad/git-wiki>

Git Propaganda

```
Terminal — ssh — 132x32
2010-02-22 21:38 Marcus Hanwell [cvshead] ENH: Added functions to push/pop the transform.
2010-02-22 21:29 Brian Wylie COMP: Fix compiler warning.
2010-02-22 20:49 Eric Stanton BUG: Fix printself test.
2010-02-22 20:30 Rusty Blue BUG: The printString function was not necessarily inserting the text at the end of the previous~
2010-02-22 20:11 Eric Stanton ENH: Make vtkExpandSelectedGraph domain-aware, where if a vertex domain is provided, the select~
2010-02-22 20:11 Marcus Hanwell ENH: Hide the non-relevant items for bar charts.
2010-02-22 19:19 Marcus Hanwell COMP: Causes failure with Qt 4.5, reverted for now.
2010-02-22 19:01 Jeffrey Baumes ENH: Making vtkMPIMoveData work on vtkGraph.
2010-02-22 18:57 Marcus Hanwell ENH: Added new bar chart view to ParaView.
2010-02-22 18:56 Marcus Hanwell ENH: Refactored the representation, new bar type.
[main] a1690e8a860b52e4a1d47d2e1c05d96084e6e1f6 - commit 2 of 42158 (0%)
// Tweak the layout so we have a good out-of-box experience
const int window_width = this->width();
- this->ui->splitter->setSizes(QList<int>() << window_width * 0.7 << window_width * 0.3 << 0);
+ int left_column = static_cast<int>(window_width * 0.7);
+ int right_column = static_cast<int>(window_width * 0.3);
+ this->ui->splitter->setSizes(QList<int>() << left_column << right_column << 0);

// Set up action signals and slots
connect(this->ui->actionOpenSQLiteDB, SIGNAL(triggered()), this, SLOT(slotOpenSQLiteDB()));
diff --git a/VTK/Examples/Infovis/Python/boost_bfs.py b/VTK/Examples/Infovis/Python/boost_bfs.py
index f54f4aa..7c1d559 100644
--- a/VTK/Examples/Infovis/Python/boost_bfs.py
+++ b/VTK/Examples/Infovis/Python/boost_bfs.py
@@ -20,11 +20,9 @@ view.SetColorEdges(True)
view.SetLayoutStrategyToSimple2D()
view.SetVertexLabelFontSize(20)

-theme = vtkViewTheme.CreateMellowTheme()
+theme = vtkViewTheme.CreateNeonTheme()
[diff] a1690e8a860b52e4a1d47d2e1c05d96084e6e1f6 - line 20 of 45 (84%)
```




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- **github.com** – free hosting
<http://github.com/>
- **gitk, gitg, gitx, tig** – repository tree visualization
<http://www.us.kernel.org/pub/software/scm/git/docs/gitk.html>
<http://trac.novowork.com/gitg/wiki/>
<http://gitx.frim.nl/>
<http://jonas.nitro.dk/tig/>
- **ticgit** – lightweight issue tracking
<http://wiki.github.com/schacon/ticgit/>
- **gitwiki** – in-repository wiki
<http://github.com/minad/git-wiki>