

# Confluence Server History Log 2010

This page logs the release of my confluence server set aside for non-profits.

- March 2020, Tin
- Feb (Roderick to fill in)
- Feb 07, 2017, Roderick
- Feb 04, 2017, Roderick
- Jan 30, 2017, Roderick
- November 13, 2016 - Upgraded to Confluence 6.0.1 and Add-Ons, Roderick
- March 28, 2016 - Upgraded to Confluence 5.9.7 (Finally Mobile Search Fixed in this Release), Tin
- August 29, 2015 - Added Questions Plugins and Reviewed, Tin
- August 14, 2015 - Upgraded to Confluence 5.8.8, Moved to New LXC Server and More, Tin
- April 16, 2015 - Enabled iFrames, Tin
- Feb 15, 2015 - Tweak to Confluence 5.7, Roderick
- Dec 21, 2013 - Upgraded to Confluence 5.4.1, Tin
- Oct 17, 2013 - Upgraded to Confluence 5.3, Tin
- June 20, 2013 - Upgraded to Confluence 5.3.1, Tin
- April 8, 2013 - Upgraded to Confluence 5.1, Tin
- March 13, 2013 - Looking at Confluence 5, Tin
- Nov 22, 2012 - Upgraded to Confluence 4.3.3, Tin
- Sep 5, 2012 - Upgraded to Confluence 4.3, Tin
- May 13, 2012 - Installed Table Sorter Plugin, Tin
- May 11, 2012 - Upgraded to Confluence 4.2.2 and migrated to Ubuntu 12 on a New Cloud Server, Tin
- April 10, 2012 - Upgrade to Confluence 4.2, Tin
- Feb 27, 2012 - Upgraded to Confluence 4.1.6, Tin
- Dec 13, 2011 - Upgraded to Confluence 4.1, Tin
- June 18, 2011 - Upgrade to Confluence 3.5.5, Tin
- March 29, 2011 - Gliffy Visio Diagram Plugin, Tin
- March 27, 2011 - Server Re-Sized to 512 MB of Memory, Tin
- March 19, 2011 - Confluence Upgrade to 3.5, Tin
- Feb 2, 2011 - 32-bit Java and Confluence Upgrade to 3.4.7, Tin
- Dec 15, 2010 Plugins List, Tin
- Dec 14, 2010 - Working Solution for Virtual Hosting Support, Tin
- Nov 7, 2010 - Improving Confluence with Feedback, Tin
  - Virtual Hosting Support
  - Enhance Code Macro
- Nov 3, 2010 - Confluence 3.4.1 Available, Tin
- September 5, 2010 - Update from confluence-3.2.1\_01-std to confluence-3.3.1-std, Tin
- May 18, 2010 - confluence-3.2.1\_01-std, Tin

## March 2020, Tin

- Took [snapshots](#) with lxd and then dist-upgraded each container.
- Tried to Upgrade Confluence to 6.0.5 to 6.13.11... **did not work** and restored snapshots. Sorry don't recall now why it didn't work. We might as well build a new server and import/export instead.

## Feb (Roderick to fill in)

We are now migrated to the Microsoft Azure cloud with a [new Server Log](#).

## Feb 07, 2017, Roderick

Confluence Upgraded from 6.0.1 to 6.0.5.

Health Check plugin updated.

## Feb 04, 2017, Roderick

Known issue with 6.0.1 migration - unable to edit pages are due to the new collaborative script must be disabled - [Source](#)

## Jan 30, 2017, Roderick

Icons in macro browser and various other places like admin missing. Fixed majority of macro browser icons by flushing in Cache Management,

1. Clear <Confluence-Installation>/work directory and restart Confluence
2. Check the server base URL configuration at *Admin > General Configuration > Server Base URL*
3. Navigate to Confluence Admin >> Cache Management screen and click Flush All

But the Space Tools icons and some macro browser icons are still missing. Further to the [resolution article](#), there is another step to "clear Confluence plugins cache", but given migration to Azure, we'll leave it for now. Likely migration of data itself will resolve issue.

## November 13, 2016 - Upgraded to Confluence 6.0.1 and Add-Ons, Roderick

1. Standard upgrade. Made back up clones of containers will remove in a week
2. New line in setenv.sh "-Dorg.apache.tomcat.websocket.DEFAULT\_BUFFER\_SIZE=32768 \${CATALINA\_OPTS}""
3. Do not upgrade Postgresql 9.6 there is a known issue with compatability [source](#)

Using Admin section - **Manage add-ons**

**Main License** - no issues now expiring Jul 22, 2018

**Gliffy Diagrams** - upgraded inline through "Manage add-ons" but got following error,

"This add-on installed successfully, but it is incompatible with your Confluence version. Features and functionality might be limited. Note: This add-on might be functional, but one or more modules is missing dependencies. Features and functionality may be limited."

Then clicked update in Manage add-ons" for Gliffy and it resolved per help provided.

**Questions** - same experience as Gliffy Diagrams

## March 28, 2016 - Upgraded to Confluence 5.9.7 (Finally Mobile Search Fixed in this Release), Tin

- Standard upgrade. Note, I confirmed I used Araxis Merge without issues. Previously I thought it was an issue.

## August 29, 2015 - Added Questions Plugins and Reviewed, Tin

With the new install the only plugins installed now are,

1. Gliffy (of course)
2. Questions - Chose Continue with Demo Content
3. Secure Content - Evaluating if it down what I need

## August 14, 2015 - Upgraded to Confluence 5.8.8, Moved to New LXC Server and More, Tin

1. Moved to new server with 2GB of memory and 60GB of disk space.
2. Ubuntu 14.04.3 LTS
3. Separate Linux Container for Web, App and DB
4. Upgraded to unlimited community license
5. Had to install Gliffy via Upload for some reason (probably bug) as it recognized in purchased add-ons but could not install automatically. Circle back to see if it will auto-update properly
6. Updated JDBC Driver
7. Updated to Java 32-bit 1.8.0\_51 (Roderick at some point go back and check if Confluence guys make it run in Java server mode which is more efficient)
8. Changed of DNS for [bonsaiframework.com](#) and [breakitdown.ca](#) pointing to web server.
9. Change DNS tin-pham.com to point to host running LXC.
10. New added user logging (see what users are viewing what pages) - atlassian-confluence-access.log

[Setup LXC Containers](#),

```
sudo lxc-ls -f
[sudo] password for tin.pham:
NAME          STATE    IPV4          IPV6    AUTOSTART
-----
t01app        RUNNING  10.0.3.11     -       NO
t01sql        RUNNING  10.0.3.20     -       NO
t01web        RUNNING  10.0.3.10, 64.73.220.117 -       NO
```

Access t01app directly via ssh by port 23 (note I used iptables, but did not save and make permanent yet, what this means is a reboot of host will cause not to work).

Upgraded to Apache 2.4.7 which works very differently. Need to update our [Apache](#) article.

Consider making different logs per LXC.

Fully working but some items to do,

- ☐ Backup Script (Roderick use a new LXC)
- ☐ Get Email Sending Working
- ☐ Add in email security (do some improvements to the original script)
- ☐ Add in hash security (this would be new)
- ☐ Create new variant [Apache](#) article noting new version number changes
- ☐ Figure out how to do firewalls with LXC

## April 16, 2015 - Enabled iFrames, Tin

Enabled iFrame in Confluence by going to,

1. Manage add-ons
2. Select, Confluence HTML Macros
3. Click + beside modules enabled
4. Enable html

Now there is a new html macro which I used to include Google Spreadsheet inline.

## Feb 15, 2015 - Tweak to Confluence 5.7, Roderick

Downgraded JVM Heapsize from 1GB to 512MB

Downgraded Java from 1.8\_31 to 1.7\_67 due to [Confluence recommendations](#)

## Dec 21, 2013 - Upgraded to Confluence 5.4.1, Tin

System would not start due to plugin corruption. Had to clear plug-in cache folders in confluence-data.

Updated all plug-ins.

## Oct 17, 2013 - Upgraded to Confluence 5.3, Tin

Renewed license too. Significant features,

- Includes now smart links and movable
- Accounts can now be renamed

## June 20, 2013 - Upgraded to Confluence 5.3.1, Tin

Checked new Java versions. All desktop security fixes. Oracle finally got smart and now has a separate server version of Java to download, but no 32-bit version for Linux yet. May write in to comment. Also, [played with the footer](#) and got it be slimmer.

As a side note, on Mac OS X, used ExpandDrive (as serveradmin) and Araxis to merge configuration files and it all worked fine.

## April 8, 2013 - Upgraded to Confluence 5.1, Tin

Upgraded to 5.1 with no issues. Lots of new features around collaboration and creation and leveraging of canned templates. They even gave the new templates feature a name called "Blue Print". The most interesting one to have Roger check out is,

- Using a canned [temmplate aka blueprint](#)
- Creating [custom templates](#) - do we finally have forms?
- [Page Properties Report Macro](#) - status now for pages

## March 13, 2013 - Looking at Confluence 5, Tin

There seems to be some kind of countdown for some new major changes to Confluence 7 days from now - <http://www.atlassian.com/confluence-5-and-beyond>

## Nov 22, 2012 - Upgraded to Confluence 4.3.3, Tin

Updated Java to JRE 1.7.0\_09-b05.

Checking against a brand new 4.3.2 the following user-installed plugins are probably no longer relevant so they have been disabled and will be removed completely in the future,

- Advanced Macros
- Basic Macros
- Confluence HTML Macros

Actually, will wait to setup a 4.3.3 version to verify the plugin list. There's also new items in 4.3.2 that are not showing up in this wiki.

## Sep 5, 2012 - Upgraded to Confluence 4.3, Tin

This is a significant release with new task lists, mobile support and built in sort-able tables,

- Uninstalled table sorter user plugin
- Updated plugins
- Changed to user **JRE** 1.7.0\_07 (at some point before JDK is no longer required, did not note the version though)

Noticed an error on startup which was caused by using Araxis Merge editor with **UTF-8 with BOM** enabled. I had to overwrite the mentioned .sh files and edit in Araxis merge with **UTF-8 NO BOM**.

```
svradm@tin0v01app:/opt/confluence/bin$ ./start-confluence.sh
```

To run Confluence in the foreground, start the server with start-confluence.sh -fg

**./user.sh: line 1: '\$\357\273\277#': command not found**

**executing as current user**

**/opt/confluence/bin/startup.sh: line 1: '\$\357\273\277#': command not found**

**/opt/confluence/bin/catalina.sh: 1: /opt/confluence/bin/setenv.sh: JRE\_HOME=/opt/confluence/java: not found**

If you encounter issues starting up Confluence Standalone, please see the Installation guide at <http://confluence.atlassian.com/display/DOC/Confluence+Installation+Guide>

Server startup logs are located in /opt/confluence/logs/catalina.out

Using CATALINA\_BASE: /opt/confluence

Using CATALINA\_HOME: /opt/confluence

Using CATALINA\_TMPDIR: /opt/confluence/temp

Using JRE\_HOME: /opt/confluence/java

Using CLASSPATH: /opt/confluence/bin/bootstrap.jar

Using CATALINA\_PID: /opt/confluence/work/catalina.pid

## May 13, 2012 - Installed Table Sorter Plugin, Tin

Installed the new [Table Sorter plugin](#) (tablesorter). The trick to using this plugin is to highlight the table before starting the plugin.

## May 11, 2012 - Upgraded to Confluence 4.2.2 and migrated to Ubuntu 12 on a New Cloud Server, Tin

Tin installed Ubuntu 12 on net new VM, tinh0v01app. Roderick,

- Migrated data and setup services to match tinh0v00app,
- Installed Confluence 4.2, and updated [JDBC4 postgres drivers to 9.1-902](#).
- After verifying the Confluence data was migrated properly, upgraded to Confluence 4.2.2
- Migrated over DNS for all sites
- Turned off Web Server on tinh0v00app (system should not be wiped out until Tin says it is ok)
- Tin updated Confluence plugins

## April 10, 2012 - Upgrade to Confluence 4.2, Tin

Some new features like page layouts. Also upgraded Gliffy plugin. Uninstalled Dynamic Task List 2 Plugin. I think 4.2 does not use it anymore and the logs showed I had installed it back in March 2012.

Nice they finally got rid of the footer elements.

## Feb 27, 2012 - Upgraded to Confluence 4.1.6, Tin

Bug fix release.

Note that there was a bug introduced in 4.1 with an extra spacing in table of contents. This is still not yet fixed. [I reported the bug](#). Vote for it if it bothers you too.

## Dec 13, 2011 - Upgraded to Confluence 4.1, Tin

This is major upgrade change. Done with Roderick and went very smoothly. Also upgraded Ubuntu packages to current date. Still running Ubuntu 10.04.3.

Backup was made on Cloud server and also data export from Confluence was done and is on the NAS drive.

Missed a step which was to check plug-ins for upgrade. Noticed during use that the macro browser was not working. Did the following one or more of which might have resolved things,

- Went in as Admin and updated Gliffy plug-in
- Uninstalled plugin Graphviz Plugin (com.atlassian.confluence.extra.graphviz version 1.2.0) Tin Admin Pham Wed Dec 14 2011 00:04:04 GMT-0500 (EST)
- Uninstalled plugin Adaptavist Theme Builder (com.adaptavist.confluence.themes.sitebuilder version 4.2.3) Tin Admin Pham Wed Dec 14 2011 00:03:43 GMT-0500 (EST)

I think this actually fixed things,

- Look and Feel, Themes (the default theme was selected so I chose, Documentation Theme), clicked **Configure Theme** and **save**.

Also missed step to customize footer (Roderick, good thing I did not delete the original folder which has the customized footer file).

## June 18, 2011 - Upgrade to Confluence 3.5.5, Tin

Upgraded to Confluence 3.5.5. This mainly a bug fix release. Also updated all plugins and OS to latest versions.

## March 29, 2011 - Gliffy Visio Diagram Plugin, Tin

Installed [Gliffy](#), a visio like diagram plugin.

## Match 27, 2011 - Server Re-Sized to 512 MB of Memory, Tin

Reduced the server down to 512MB of memory. Under this new sized the server is slightly slower but it still appears usable,

```
top - 10:59:35 up 11:20,  1 user,  load average: 0.00, 0.01, 0.02
Tasks:  74 total,   1 running,  73 sleeping,   0 stopped,   0 zombie
Cpu(s):  0.1%us,   0.0%sy,   0.0%ni, 99.3%id,   0.5%wa,   0.0%hi,   0.0%si,
0.0%st
Mem:    536684k total,   512536k used,    24148k free,    2552k buffers
Swap:  1048568k total,   349456k used,   699112k free,   44096k cached
```

Well that did not go well. After a little bit of use the system started locking. 512MB is just not enough. It should be fine with just Confluence but I also run a separate Tomcat 6 instance. Went back to 1024.

Added robots.txt which hopefully will prevent google and other search engines from chewing up bandwidth and cpu on the system.

## March 19, 2011 - Confluence Upgrade to 3.5, Tin

At last 3.5 came out which has quite a bit of new functions. What I was waiting for the most was,

1. The improved code macro which has a number of improvements such as bash, collapsible and numbering.
2. ...

Also significant is that X11 dependencies have been removed. So the dependencies were removed March 28 after it was established the system was stable.

## Feb 2, 2011 - 32-bit Java and Confluence Upgrade to 3.4.7, Tin

Switched from 64-bit to 32-bit Java which improved memory usage. Using htop we see total Memory usage go down from 1036MB to 590MB. We will see if this stays the same after some more use. If it does, I will look at resizing the server down to 512MB.

Also updated PostgreSQL to 8.4.7.

Upgraded Confluence to 3.4.7. Overall everything went smoothly except for the new Universal Plug-In Manager. You have to upload the Jar file through the admin interface and then restart twice for the changes to take effect. Finally during the upgrade cleaned up dependencies,

```
517 sudo apt-get remove ibice-dev
518 sudo apt-get remove ibsm-dev
519 sudo apt-get remove libxext-dev
520 sudo apt-get remove libxp-dev
521 sudo apt-get remove libxp-dev
522 sudo apt-get remove libxt-dev
523 sudo apt-get remove libxtst-dev
524 sudo apt-get remove libx11-6
525 sudo apt-get remove libx11-dev
526 sudo apt-get autoremove
527 sudo apt-get remove libxt6
528 sudo apt-get remove libxt6-dbg
529 sudo apt-get remove libext6
530 sudo apt-get remove libxt6-dbg
531 sudo apt-get remove libxext6
532 sudo apt-get remove libxtst-dev
533 sudo apt-get remove libxtst6
534 sudo apt-get remove xlibs-dbg
535 sudo apt-get remove xlibs-dev
```

And then installed,

```
541 sudo apt-get install libice-dev libsm-dev libx11-dev libxext-dev
libxp-dev libxt-dev libxtst-dev
```

Also noticed some strange logs during the last shutdown listed below. This is [documented at Confluence](#) but with no real solution.

```
2-Feb-2011 11:54:08 PM org.apache.coyote.http11.Http11Protocol pause
INFO: Pausing Coyote HTTP/1.1 on http-8080
2-Feb-2011 11:54:09 PM org.apache.catalina.core.StandardService stop
INFO: Stopping service Tomcat-Standalone
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearReferencesJdbc
SEVERE: A web application registered the JDBC driver
[com.mysql.jdbc.Driver] but failed to unregister it when the web
application was stopped. To prevent a memory leak, the JDBC Driver has been
forcibly unregistered.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearReferencesJdbc
SEVERE: A web application registered the JDBC driver
[org.postgresql.Driver] but failed to unregister it when the web
application was stopped. To prevent a memory leak, the JDBC Driver has been
forcibly unregistered.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearReferencesThreads
SEVERE: A web application appears to have started a thread named
[pool-5-thread-1] but has failed to stop it. This is very likely to create
a memory leak.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearThreadLocalMap
```

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@f0a360]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@7631a7]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@1b60bce]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@c10242]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.core.logging.ThreadLocalErrorCollection\$2@17b678d]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@cb670c]) and a value of type [org.dom4j.DocumentFactory] (value [org.dom4j.DocumentFactory@1da80bb]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

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[org.apache.lucene.index.SegmentTermEnum@17a8efa]) but failed to remove it  
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[org.apache.lucene.index.SegmentTermEnum] (value  
[org.apache.lucene.index.SegmentTermEnum@140d562]) but failed to remove it  
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[org.apache.lucene.index.SegmentTermEnum@1795425]) but failed to remove it  
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2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type  
[com.atlassian.confluence.concurrent.ThreadLocalMap] (value  
[com.atlassian.confluence.concurrent.ThreadLocalMap@837914]) and a value of  
type [java.util.HashMap] (value [{}]) but failed to remove it when the web  
application was stopped. To prevent a memory leak, the ThreadLocal has been  
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[org.apache.lucene.index.SegmentTermEnum@182353d]) but failed to remove it  
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[org.apache.lucene.index.SegmentTermEnum@1755029]) but failed to remove it  
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SEVERE: A web application created a ThreadLocal with key of type [null]  
(value [com.atlassian.core.logging.ThreadLocalErrorCollection\$1@1a4f0f2])  
and a value of type [java.util.LinkedList] (value [[]]) but failed to

remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.renderer.v2.components.RssThreadLocal\$1@e4909b]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@1d1ec11]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.plugin.util.ClassLoaderStack\$1@e175f3]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.search.ThreadLocalIndexerControl\$1@6e077]) and a value of type [java.lang.Boolean] (value [true]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [org.apache.shindig.common.xml.XmlUtil\$2@1620f9d]) and a value of type [org.apache.xerces.jaxp.DocumentBuilderImpl] (value [org.apache.xerces.jaxp.DocumentBuilderImpl@ef393c]) but failed to remove it when the web application was stopped. To prevent a memory leak, the

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SEVERE: A web application created a ThreadLocal with key of type [null]  
(value  
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@9031d6])  
and a value of type [java.util.HashMap] (value [{}]) but failed to remove  
it when the web application was stopped. To prevent a memory leak, the  
ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null]  
(value  
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@b80606])  
and a value of type [java.util.HashMap] (value [{}]) but failed to remove  
it when the web application was stopped. To prevent a memory leak, the  
ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type  
[org.apache.log4j.helpers.ThreadLocalMap] (value  
[org.apache.log4j.helpers.ThreadLocalMap@e1baa6]) and a value of type  
[java.util.Hashtable] (value [{}]) but failed to remove it when the web  
application was stopped. To prevent a memory leak, the ThreadLocal has been  
forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null]  
(value [com.atlassian.core.logging.ThreadLocalErrorCollection\$1@1a4f0f2])  
and a value of type [java.util.LinkedList] (value [[]]) but failed to  
remove it when the web application was stopped. To prevent a memory leak,  
the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null]  
(value  
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@193a68c

) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [com.atlassian.confluence.concurrent.ThreadLocalMap] (value [com.atlassian.confluence.concurrent.ThreadLocalMap@837914]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@9b4186]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.renderer.v2.components.RssThreadLocal\$1@e4909b]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@ead002]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@1fe4951]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.core.logging.ThreadLocalErrorCollection\$2@17b678d]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.plugin.util.ClassLoaderStack\$1@e175f3]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@17f7439

) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.sun.xml.bind.v2.ClassFactory\$1@a75b5d]) and a value of type [java.util.WeakHashMap] (value [{class javax.xml.bind.annotation.W3CDomHandler=java.lang.ref.WeakReference@15f52b3}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@b80606]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@12e78f0]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@5df6d]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.core.logging.ThreadLocalErrorCollection\$1@1a4f0f2]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.renderer.v2.components.RssThreadLocal\$1@e4909b]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.core.logging.ThreadLocalErrorCollection\$2@17b678d])

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@9b4186]) and a value of type [java.util.HashMap] (value [{ }]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@ead002]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@18f7c81]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@b80606]) and a value of type [java.util.HashMap] (value [{ }]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@12e78f0]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@137032f]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type



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forcibly removed.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearThreadLocalMap
SEVERE: A web application created a ThreadLocal with key of type [null]
(value
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective$1@196c6ef
]) and a value of type [java.util.HashMap] (value [{}]) but failed to
remove it when the web application was stopped. To prevent a memory leak,
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SEVERE: A web application created a ThreadLocal with key of type [null]
(value [com.atlassian.core.logging.ThreadLocalErrorCollection$1@1a4f0f2])
and a value of type [java.util.LinkedList] (value [{}]) but failed to
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2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
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SEVERE: A web application created a ThreadLocal with key of type [null]
(value [com.atlassian.renderer.v2.components.RssThreadLocal$1@e4909b]) and
a value of type [java.lang.Boolean] (value [false]) but failed to remove it
when the web application was stopped. To prevent a memory leak, the
ThreadLocal has been forcibly removed.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
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SEVERE: A web application created a ThreadLocal with key of type [null]
(value
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective$1@9031d6])
and a value of type [java.util.HashMap] (value [{}]) but failed to remove
it when the web application was stopped. To prevent a memory leak, the
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(value [com.atlassian.core.logging.ThreadLocalErrorCollection$2@17b678d])
and a value of type [java.lang.Boolean] (value [false]) but failed to
remove it when the web application was stopped. To prevent a memory leak,
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2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
clearThreadLocalMap
SEVERE: A web application created a ThreadLocal with key of type [null]
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(value [com.atlassian.plugin.util.ClassLoaderStack\$1@e175f3]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@b21be7]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.renderer.v2.components.RssThreadLocal\$1@e4909b]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [null]) and a value of type



[org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@145e447]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.core.logging.ThreadLocalErrorCollection\$2@17b678d]) and a value of type [java.lang.Boolean] (value [false]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@1d1ec11]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.plugin.util.ClassLoaderStack\$1@e175f3]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@cb670c]) and a value of type [org.dom4j.DocumentFactory] (value [org.dom4j.DocumentFactory@18e2856]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@196c6ef]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [com.atlassian.confluence.concurrent.ThreadLocalMap] (value [com.atlassian.confluence.concurrent.ThreadLocalMap@837914]) and a value of type [java.util.HashMap] (value [{}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null]

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(value
[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective$1@9b4186])
and a value of type [java.util.HashMap] (value [{}]) but failed to remove
it when the web application was stopped. To prevent a memory leak, the
ThreadLocal has been forcibly removed.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
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SEVERE: A web application created a ThreadLocal with key of type
[java.lang.ThreadLocal] (value [java.lang.ThreadLocal@ead002]) and a value
of type [org.apache.lucene.index.SegmentTermEnum] (value
[org.apache.lucene.index.SegmentTermEnum@1fa439f]) but failed to remove it
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SEVERE: A web application created a ThreadLocal with key of type [null]
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[com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective$1@9031d6])
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SEVERE: A web application created a ThreadLocal with key of type [null]
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SEVERE: A web application created a ThreadLocal with key of type
[java.lang.ThreadLocal] (value [java.lang.ThreadLocal@12e78f0]) and a value
of type [org.apache.lucene.index.SegmentTermEnum] (value
[org.apache.lucene.index.SegmentTermEnum@16d8e2d]) but failed to remove it
when the web application was stopped. To prevent a memory leak, the
ThreadLocal has been forcibly removed.
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader
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SEVERE: A web application created a ThreadLocal with key of type [null]
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2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap  
SEVERE: A web application created a ThreadLocal with key of type [null]  
(value [com.sun.xml.bind.v2.runtime.Coordinator\$1@6a78e0]) and a value of  
type [java.lang.Object[]] (value [[Ljava.lang.Object;@25d609]) but failed  
to remove it when the web application was stopped. To prevent a memory  
leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
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SEVERE: A web application created a ThreadLocal with key of type [null]  
(value [com.atlassian.renderer.v2.components.RssThreadLocal\$1@e4909b]) and  
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of type [org.apache.lucene.index.SegmentTermEnum] (value  
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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.plugin.util.ClassLoaderStack\$1@e175f3]) and a value of type [java.util.LinkedList] (value [[]]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

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SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@ldlec11]) and a value of type [java.util.HashMap] (value [{}) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader

clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.sun.xml.bind.v2.ClassFactory\$1@a75b5d]) and a value of type [java.util.WeakHashMap] (value [{class com.atlassian.plugins.domain.model.vendor.Vendor=java.lang.ref.WeakReference@b4e63c, class com.atlassian.plugins.domain.model.category.Category=java.lang.ref.WeakReference@778b40, class com.atlassian.plugins.domain.model.review.ReviewSummary=java.lang.ref.WeakReference@5734bc, class javax.xml.bind.annotation.W3CDomHandler=java.lang.ref.WeakReference@1476371, class com.atlassian.plugins.domain.model.Link=java.lang.ref.WeakReference@1d1978d, class com.atlassian.plugins.domain.model.plugin.PluginVersion=java.lang.ref.WeakReference@134b632, class com.atlassian.plugins.domain.wrapper.ListWrapper=java.lang.ref.WeakReference@1a5ae0f, class com.atlassian.plugins.domain.model.plugin.Icon=java.lang.ref.WeakReference@4691ff, class com.atlassian.plugins.domain.model.plugin.Plugin=java.lang.ref.WeakReference@11b2271}]) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader

clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [null] (value [com.atlassian.confluence.setup.velocity.ApplyDecoratorDirective\$1@b80606]) and a value of type [java.util.HashMap] (value [{}) but failed to remove it when the web application was stopped. To prevent a memory leak, the ThreadLocal has been forcibly removed.

2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader

clearThreadLocalMap

SEVERE: A web application created a ThreadLocal with key of type [java.lang.ThreadLocal] (value [java.lang.ThreadLocal@12e78f0]) and a value of type [org.apache.lucene.index.SegmentTermEnum] (value [org.apache.lucene.index.SegmentTermEnum@72597e]) but failed to remove it when the web application was stopped. To prevent a memory leak, the

ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap  
SEVERE: A web application created a ThreadLocal with key of type  
[org.apache.log4j.helpers.ThreadLocalMap] (value  
[org.apache.log4j.helpers.ThreadLocalMap@e1baa6]) and a value of type  
[java.util.Hashtable] (value [{}]) but failed to remove it when the web  
application was stopped. To prevent a memory leak, the ThreadLocal has been  
forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap  
SEVERE: A web application created a ThreadLocal with key of type  
[org.apache.log4j.helpers.ThreadLocalMap] (value  
[org.apache.log4j.helpers.ThreadLocalMap@e1baa6]) and a value of type  
[java.util.Hashtable] (value  
[{referer=http://www.breakitdown.ca/wiki/plugins/servlet/upm,  
url=/wiki/rest/plugins/1.0/upgrades, userName=tpham}]) but failed to remove  
it when the web application was stopped. To prevent a memory leak, the  
ThreadLocal has been forcibly removed.  
2-Feb-2011 11:54:11 PM org.apache.catalina.loader.WebappClassLoader  
clearThreadLocalMap  
SEVERE: A web application created a ThreadLocal with key of type  
[org.apache.log4j.helpers.ThreadLocalMap] (value  
[org.apache.log4j.helpers.ThreadLocalMap@e1baa6]) and a value of type  
[java.util.Hashtable] (value [{url=/wiki/pages/doeditpage.action,  
page=1638547, userName=tinpham,  
referer=http://www.breakitdown.ca/wiki/pages/editpage.action?pageId=163854  
7, action=doeditpage}]) but failed to remove it when the web application  
was stopped. To prevent a memory leak, the ThreadLocal has been forcibly  
removed.  
log4j:ERROR LogMananger.repositorySelector was null likely due to error in  
class reloading, using NOPLoggerRepository.  
2-Feb-2011 11:54:14 PM org.apache.coyote.http11.Http11Protocol destroy  
INFO: Stopping Coyote HTTP/1.1 on http-8080  
2-Feb-2011 11:57:27 PM org.apache.tomcat.util.digester.SetPropertiesRule  
begin  
WARNING: [SetPropertiesRule]{Server} Setting property 'debug' to '0' did  
not find a matching property.  
2-Feb-2011 11:57:27 PM org.apache.tomcat.util.digester.SetPropertiesRule  
begin  
WARNING: [SetPropertiesRule]{Server/Service/Engine} Setting property  
'debug' to '0' did not find a matching property.  
2-Feb-2011 11:57:27 PM org.apache.tomcat.util.digester.SetPropertiesRule  
begin  
WARNING: [SetPropertiesRule]{Server/Service/Engine/Host} Setting property  
'debug' to '0' did not find a matching property.  
2-Feb-2011 11:57:27 PM org.apache.tomcat.util.digester.SetPropertiesRule  
begin  
WARNING: [SetPropertiesRule]{Server/Service/Engine/Host/Context} Setting  
property 'debug' to '0' did not find a matching property.  
2-Feb-2011 11:57:27 PM org.apache.coyote.http11.Http11Protocol init  
INFO: Initializing Coyote HTTP/1.1 on http-8080  
2-Feb-2011 11:57:27 PM org.apache.catalina.startup.Catalina load

```
INFO: Initialization processed in 428 ms
2-Feb-2011 11:57:27 PM org.apache.catalina.core.StandardService start
INFO: Starting service Tomcat-Standalone
2-Feb-2011 11:57:27 PM org.apache.catalina.core.StandardEngine start
INFO: Starting Servlet Engine: Apache Tomcat/6.0.26
2011-02-02 23:57:32,593 INFO [main] [com.atlassian.confluence.lifecycle]
contextInitialized Starting Confluence 3.4.7 (build #2037)
2011-02-02 23:57:36,664 INFO [main]
[atlassian.plugin.manager.DefaultPluginManager] init Initialising the
plugin system
2011-02-02 23:57:36,952 INFO [main]
[atlassian.plugin.manager.DefaultPluginManager] init Plugin system started
in 0:00:00.285
2-Feb-2011 11:58:50 PM org.apache.coyote.http11.Http11Protocol start
INFO: Starting Coyote HTTP/1.1 on http-8080
2-Feb-2011 11:58:50 PM org.apache.jk.common.ChannelSocket init
INFO: JK: ajp13 listening on /0.0.0.0:8009
2-Feb-2011 11:58:50 PM org.apache.jk.server.JkMain start
INFO: Jk running ID=0 time=0/19 config=null
```

```
2-Feb-2011 11:58:50 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 82938 ms
```

## Dec 15, 2010 Plugins List, Tin

[Installed and Working Plugins](#) demos and keeps track of extra plugins installed after the Confluence setup.

## Dec 14, 2010 - Working Solution for Virtual Hosting Support, Tin

Not too happy with this solution but it does work. My solution [uses](#) the Apache Web server modules, `mod_filter` and `substitute`. Long term, Confluence code needs to be able to handle this but internally it does not seem they are interested. I think I need to write a business case to them for multi licensing for one server by domain name which could increase their revenue.

## Nov 7, 2010 - Improving Confluence with Feedback, Tin

Vote on the issues you see here to improve Confluence.

### Virtual Hosting Support

Looking forward we wanted to be able to use the same infrastructure to host other non-profits such as Dance Umbrella.

I seem to have had things working using a technique called virtual hosting, however, I encountered a bug around images. I opened up a [ticket 20800](#) with Confluence. As it turns out there a number of bugs due to the Base URL, [http://confluence.atlassian.com/display/DOC/Using+mod\\_rewrite+to+Modify+Confluence+URLs](http://confluence.atlassian.com/display/DOC/Using+mod_rewrite+to+Modify+Confluence+URLs) which is a core part of Confluence.

So far it seems I might need to solve this problem myself using url rewriting in combination with virtual hosting.

Confluence talks about using `mod_rewrite` [http://confluence.atlassian.com/display/DOC/Using+mod\\_rewrite+to+Modify+Confluence+URLs](http://confluence.atlassian.com/display/DOC/Using+mod_rewrite+to+Modify+Confluence+URLs) but it does **not** work properly nor is it clear.

### Enhance Code Macro

The Code macro today is limited... to put more info here.

Consider consolidating and moving into a separate section of the site.

## Nov 3, 2010 - Confluence 3.4.1 Available, Tin

Not going to upgrade to this version as there are not enough [features](#) that make a difference for this community. One notable enhancement with 3.4.1 is that there is support of a [custom user macro](#) called [Expand](#) which is a more WYSIWYG friendly version of the [Cloak macro](#).

There is a note on the [Expand macro setup page](#), that this will become a built in macro to a future version of Confluence. Please [vote to have the Expand macro as part of Confluence sooner than later](#).

## September 5, 2010 - Update from confluence-3.2.1\_01-std to confluence-3.3.1-std, Tin

Pretty straightforward update. Here are the notes,

1. Per my Tomcat notes update the following key files,
  - a. `startup.sh`
  - b. `shutdown.sh`
  - c. `setenv.sh`
2. Updated `jdk-6u20-linux-x64.bin` to `jdk-6u21-linux-x64.bin` and adjusted `setenv.sh` accordingly.
3. Replaced `postgresql-8.4-701.jdbc3.jar` with **`postgresql-8.4-701.jdbc4.jar`**

4. Specified data directory by updating confluence\WEB-INF\classes\confluence-init.properties
5. Updated server.xml ports
6. Check plugins.

Remember to back up data directory. With cloud computing I just back up the entire system. Backup done Sept 5, 2010 ~ 7:45PM.

Interestingly enough all the plugins came over so I just ran the updates.

## **May 18, 2010 - confluence-3.2.1\_01-std, Tin**

I did not note and do not remember if this was an upgrade or a fresh install.