

# Pegasus Cleanup

For the Pegasus SI2 project we proposed to conduct a refactoring and cleanup of the Pegasus codebase. This document will help us identify components that need to be removed, moved, and refactored and help us plan these cleanup activities.

## Already Removed

1. `/contrib/wfprof` (obsoleted by the new kickstart)
2. Everything under `/archive`
3. `/contrib/qq` (obsoleted by `pegasus-status?`)
4. `/contrib/modules`
5. `/contrib/bp2db` (obsoleted by STAMPEDE?)
6. `/contrib/netlogger` (obsoleted by STAMPEDE?)
7. `/libexec/statistics` (obsoleted by STAMPEDE?)
8. `/libexec/reassemble-chunks` (no longer required for kickstart)
9. `/libexec/pegasus-check-helper.1` (no longer used?)
10. `/libexec/pegasus-check-helper.2` (no longer used?)
11. `/libexec/latex-sample-props` (obsoleted by `docbook`)
12. `/libexec/docbook-sample-props` (no longer used)
13. `/libexec/groff.sh`
14. `/libexec/dot-ps2-to-eps.pl`
15. `/release-tools/svn-nightly` (obsoleted by GIT, bamboo)
16. `/release-tools/nmi` (obsoleted by Bamboo)
17. `/contrib/dbschema` (either convert them to a format we can use, or remove them?)
18. `/src/tools/pegasus-invoke` (is this used?)
19. `/src/ShowProperties.java`
20. `Version.in`
21. `/src/examples`
22. `/share/pegasus/sql` (remove stuff we don't need, mostly replaced by `pegasus-db-admin`)
23. `/share/pegasus/visualize` (converted `dag2dot` into `pegasus-graphviz`)

## Remove

These are the components that can be removed.

None remaining.

## Already Moved

1. `/libexec/perl-docs` (moved to `doc`)
2. `/contrib/tutorial_vm` (moved to `release-tools`)

## Move

These are the components that need to be moved.

None remaining.

## Already Refactored

1. `/release-tools` (not so many subdirs needed)
2. Convert python docs from `build.xml` into a script
3. `/lib/pegasus/perl` (remove everything we don't support, keep what we do?)

## Refactor

These are the components that need to be refactored.

None remaining.

## Defer

These are the components that we need to revisit later.

1. /contrib/workflow\_gallery (and /lib/pegasus/php, and /lib/pegasus/javascript, will be obsoleted by workflow archive)
2. pegasus-plots (and /share/pegasus/plots, obsoleted by dashboard, deprecate until next release)
3. /contrib/plots (are we going to maintain this? Either make it part of dashboard or remove it)
4. /release-tools/python-modules-dir (we should manage the python stuff differently)
5. /src (should we create /src/planner, /src/kickstart, /src/pegasus-mpi-cluster, etc?)