

# Manage Old Data

When there are changes in how data is stored on disk, Hudson uses the following strategy: data is migrated to the new structure when it is loaded, but the file is not resaved in the new format. This allows for downgrading Hudson if needed. However, it can also leave data on disk in the old format indefinitely. The table below lists files containing such data, and the Hudson version(s) where the data structure was changed.

Sometimes errors occur while reading data (if a plugin adds some data and that plugin is later disabled, if migration code is not written for structure changes, or if Hudson is downgraded after it has already written data not readable by the older version). These errors are logged, but the unreadable data is then skipped over, allowing Hudson to startup and function properly.

Type	Name	Version
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The form below may be used to resave these files in the current format. Doing so means a downgrade to a Hudson release older than the selected version will not be able to read the data stored in the new format. Note that simply using Hudson to create and configure jobs and run builds can save data that may not be readable by older Hudson releases, even when this form is not used. Also if any unreadable data errors are reported in the right side of the table above, note that this data will be lost when the file is resaved.

Eventually the code supporting these data migrations may be removed. Compatibility will be retained for at least 150 releases since the structure change. Versions older than this are in bold above, and it is recommended to resave these files.

No old data was found.

## Unreadable Data

It is acceptable to leave unreadable data in these files, as Hudson will safely ignore it. To avoid the log messages at Hudson startup you can permanently delete the unreadable data by resaving these files using the button below.

Type	Name	Error
hudson.matrix.MatrixConfiguration	phoenix-multi-config-build/APP_SERVER=resin,DATABASE=mysql	NonExistentFieldException: No such field hudson.matrix.MatrixConfiguration.blockBuildWhenDownstreamBuilding
hudson.plugins.promoted_builds.PromotionProcess	phoenix-default/promotion/promote-to-test	NonExistentFieldException: No such field hudson.plugins.promoted_builds.PromotionProcess.blockBuildWhenDownstreamBuilding
hudson.matrix.MatrixConfiguration	phoenix-multi-config-build/APP_SERVER=tomcat,DATABASE=db2	NonExistentFieldException: No such field hudson.matrix.MatrixConfiguration.blockBuildWhenDownstreamBuilding
hudson.matrix.MatrixConfiguration	acceptance-test-suite/browser=chrome,os=OSX	NonExistentFieldException: No such field hudson.matrix.MatrixConfiguration.blockBuildWhenDownstreamBuilding
hudson.plugins.promoted_builds.PromotionProcess	gameoflife-deploy-to-uat/promotion/Deploy to Production	NonExistentFieldException: No such field hudson.plugins.promoted_builds.PromotionProcess.blockBuildWhenDownstreamBuilding
hudson.model.FreeStyleProject	game-of-life-freestyle-metrics	NonExistentFieldException: No such field hudson.model.FreeStyleProject.blockBuildWhenDownstreamBuilding
hudson.matrix.MatrixConfiguration	phoenix-multi-config-build/APP_SERVER=resin,D=mysql	NonExistentFieldException: No such field hudson.matrix.MatrixConfiguration.blockBuildWhenDownstreamBuilding