

# Structure Files Location

## Structure Files

`$JIRA_HOME/structure`

Structure keeps most of its data in the `structure` sub-directory under the [JIRA home directory](#).

### Database

Structure uses embedded Apache Derby database engine to store its data in `structure/db` directory.

### Undo Logs for Synchronizers

When [synchronizers](#) change issues in background - either when [running Export or Resync](#) or when running incremental synchronization - they store the undo information in special log files in `structure/syncundo` directory. The log files are kept for some time (~ 30 days by default) and then removed.

In case an incorrectly configured synchronizer ruins issue data (for example, Links synchronizer is able to remove all links of specific type when told to do so), the logs from `syncundo` sub-directory may be used to recover the data.

### Backups

All backup files, made either [manually](#) or by [Automatic Structure Maintenance](#), are stored in the `export` sub-directory under JIRA home. Backups made automatically are named `structure-dddddddd-hhhh.zip` (having date instead of `dddddddd` and time instead of `hhhh`).

## Backing up Structure Files

When JIRA is not running or when Structure plugin is disabled, you can manually back up structure directory (separately or as a part of JIRA home backup). Likewise, you can manually restore the `structure` subdirectory if Structure plugin is not running - but be careful when downgrading to previous version of the Structure. As a rule, the database is not forward-compatible, so you can't downgrade and keep the database unless the versions of the Structure happen to have the same database schema.

You can also back up Structure into XML by using [Structure Backup menu on the administrator's page](#).