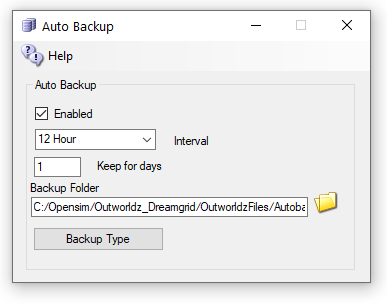
# Backup - Autobackup

The AutoBackup module periodically saves data to a folder.

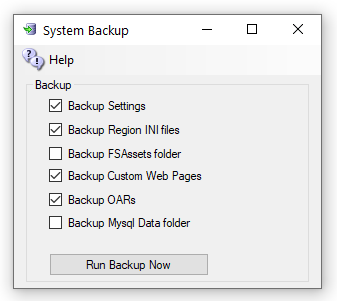


When AutoBackup is enabled, Opensim will make various backups of each region. For example, Opensim will make OAR after Opensim has run for **Interval** time. If there are checkboxes set in the [Backup Type], then those files will be backup up, too. The files will appear in the Outworldzfiles\AutoBackup folder.

**Keep for Days** will delete any OAR or zip older than this period of time.

**Save To Folder:** You can click on “AutoBackup” folder name, or the folder Icon, and set a different location.

**CAUTION:** These backups can take a great deal of room! **It is critical to save them to a different drive** so that a full drive does not crash your Database and Opensim system. DreamGrid will check for free disk space and warn you if you are low. It will attempt to freeze all Opensim Region activity if disk space gets low. If the disk space is > 50 MB, it will resume operation.



**Backup Settings** saves the Settings.INI files in a Zip.

**Backup Region INI files** saves all Region INI files from OutworldzFiles\Opensim\Bin\Regions to a Zip.

**Backup FSAssets folder** will make a copy of all the the (Very Large) FSassets folder.

**Backup Custom Web Pages** are the two Wifi-Custom folders.

**Backup MySql Data Folder** will back up the main database. You need a copy of FSassets, too!

Robocopy: The system runs robocopy, a built in DOS program for FSassets. It follows two rules for visibility that you set for Regions, such as Always Show or Never Show. It runs with the following switches:

/E - Everything including empty folders.

/M –Modified files are copied that have the A bit set, then clears the bit.

/TBD - Wait for share names to be defined by the network.

/IM - Include Modified files that have modified times.

/J – Use Unbuffered IO for large files.

Robocopy will also add this LFSM switch on Windows 10. It will not do so on Server or Windows 7.  
  
/LFSM:50M – Will operate in low free space mode, enabling copy pause and resume. Robocopy will pause whenever a file copy would cause the destination volume's free space to go below 50 Megabytes.

Links:

<http://opensimulator.org/wiki/Load_Oar_0.9.0%2B>