

WHEN YOU NEED TO BE SURE

SGS

CyFlex® Knowledge Article

Files Cleanup Utility

Author: Jennifer Schuck

January 25, 2016

Overview

The `cleanup` task was created to delete files from a specified directory based on file age, the maximum number of files of the specified type, and disk used percentage.

Run `cleanup` from the command line. The command can also be automatically run from the `cron` application by placing the command in the `/specs/usercron` file.

Use `cron` to schedule a cleanup task to run at a certain time.

A log of removed files is written into a date-stamped file `/data/cleaned_files.YYMMDD`.

Starting the Application

Command syntax:

```
cleanup [max_age]    [max_files]    "file_filter"  
percent=[percent]   -r
```

where:

```
max_age      - maximum file age in days  
max_files    - maximum number of files  
file_filter  - a pathname file filter (enclosed in quotes)  
percent      - optional minimum disk percent used before  
cleanup is  - executed. Default value is 0.  
-r           - optional recursion for subdirectories
```

EXECUTION EXAMPLES

```
cleanup 7 100 "/data/compressed/1999*.hst"
```

The preceding command removes files from the `/data/compressed/` directory which have the `.hst` extender and begin with 1999 and are older than 7 days. If the number of files exceeds 100, the oldest files are removed until only 100 files are left.

```
cleanup 7 1000 "/data/compressed/1999*.hst"
```

The preceding command removes files from the `/data/compressed/` directory which have the `.hst` extender and begin with 1999 and are older than 7 days. If the number of files exceeds 1000, the oldest files are removed until only 1000 files are left.

```
cleanup 7 1000 "/data/compressed/1999*.hst" percent=50
```

The preceding command removes all files from the `/data/compressed/` directory which have the `.hst` extender and begin with 1999 and are older than 7 days if the percentage of disk space used is greater than 50%. If the number of files exceeds 1000, the oldest files are removed until only 1000 are left.

```
cleanup 7 100 "/data/hold/n*" -r
```

The preceding command removes `n*` files from the `/data/hold/` directory and its subdirectories that are older than 7 days, up to a maximum of 100 files.