

ITX console

Version 1.0

User Guide

www.it-excellence.net

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Introduction



```
C:\itx.exe
***** ITX console 1.0 [unlicensed] *****
***** notice www.it-excellence.net *****
***** for new versions or registration *****
***** Available Commands: *****
arc / archiv
bak / backup
del / delete
lst / list
hlp / help / ?
exit
***** Enter command - optional with parameters or '?' *****
```

Licensing

In unlicensed version the software's product website will be called with each command execution. Spend a few Dollars / Euros, to get your very personal licensed version.

What ITX console you can do for you:

Four File Commands

- Create reports of directory content in XML, CSV or TXT format
- Delete files based on actuality (creation, last update or last accessed date)
- Archive files (copy to, then delete) based on actuality (creation, last update or last accessed date)
- Backup files (not overwriting unchanged files)

Full featured reporting

All commands may report the delete, archive and backup activities to one or simultaneously multiple XML, CSV and / or TXT files.

Batch and Dialog Mode

ITX console runs in batch mode or from command line with qualified arguments. Calling ITX console without arguments will initiate a dialog mode.

Common Arguments

The following arguments are valid for all commands. So the specific command descriptions will not mention them twice.

Argument /B

This states the root directory and starting point of the command's process. If omitted the current directory is used.

Argument /R

Let the process run recursive. If not recursive, only the list command will log directories.

Argument /P

A given pattern restricts the commands executing only on files that match the pattern. Anyway, all subdirectories are logged, whether they contain matching files or not.

Argument /L

Defines log files that will be created or replaced.

Multiple log files and formats are supported. Separate a list by semicolons.

The extension specifies the output format. XML and CSV are self explaining. Any other extension (e.g. TXT, LOG) will result to a fixed column width TXT format.

Note: The last TXT format column (that shows the full filename excluding the root directory string) is not restricted to a specific length.

Argument /M

This accepts three options

A: Logged data will be appended to existing file content.

If omitted, existing log file will be replaced.

Option is currently not implemented with XML format.

H: A headline, which contains field names, will be inserted before logging starts.

No relevance for XML format.

E: Logs extended data, means addition create date, last accessed date and file size

Argument /S

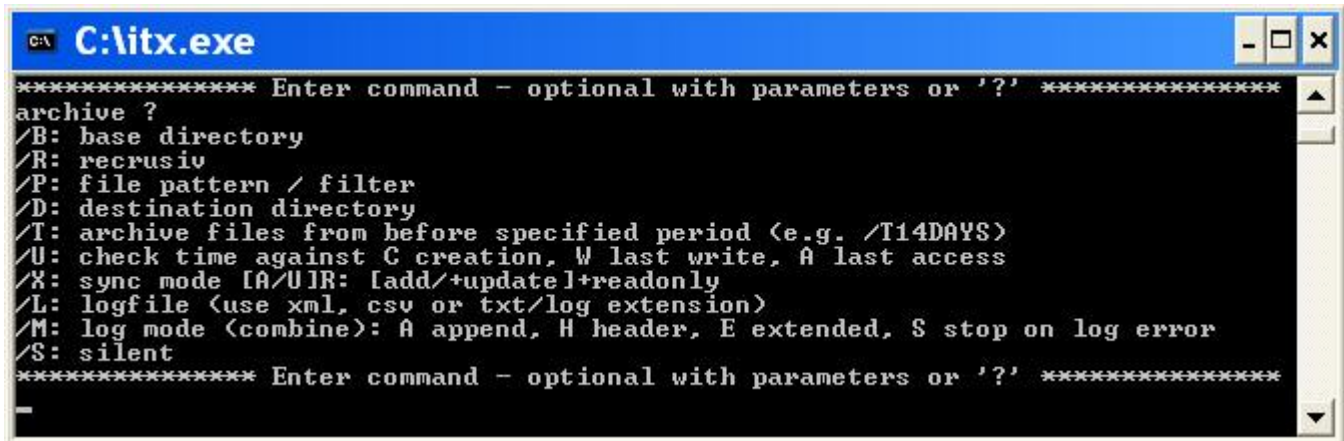
Option suppresses output on screen.

Archive Command

Archive files due to their age of creation / modification or to their last usage. The process simply moves files from the base directory to the destination directory and there creates the appropriate directory structure as necessary.

Optionally create one or more reports what files / subdirectories have been moved to the archive folder.

Afterwards you may use the list command to create reports of the current contents of the base directory and / or the destination directory.



```
C:\vitx.exe
***** Enter command - optional with parameters or '?' *****
archive ?
/B: base directory
/R: recursiv
/P: file pattern / filter
/D: destination directory
/T: archive files from before specified period (e.g. /T14DAYS)
/U: check time against C creation, W last write, A last access
/X: sync mode [A/U/R: [add/+update]+readonly]
/L: logfile (use xml, csv or txt/log extension)
/M: log mode (combine): A append, H header, E extended, S stop on log error
/S: silent
***** Enter command - optional with parameters or '?' *****
```

Argument /D

This specifies the destination root directory. It will be created, if it does not exist.

Argument /T

Argument specifies a past period and accepts a number followed by a date unit, e. g. /T3MONTHS.

Files dated before this backward period will be archived.

Argument /U

Defines what file date shall be checked against the period specified by /T.

C: Creation Date
W: Last Write Date
A: Last Access Date

Argument /X

As one option the argument supports three different synchronisation modes. Use one of the following keys:

- A: Default mode: Source files will only be added to the destination file. No replacement or deletion will be done there. If copying a file fails, it will not be archived nor deleted, but the log file will report an error. This mode is best in case of.
- U: Like mode A, but additionally, existing archived files will be replaced, if a new file with the same file name appears in the source directory.

As another option of the argument you may add

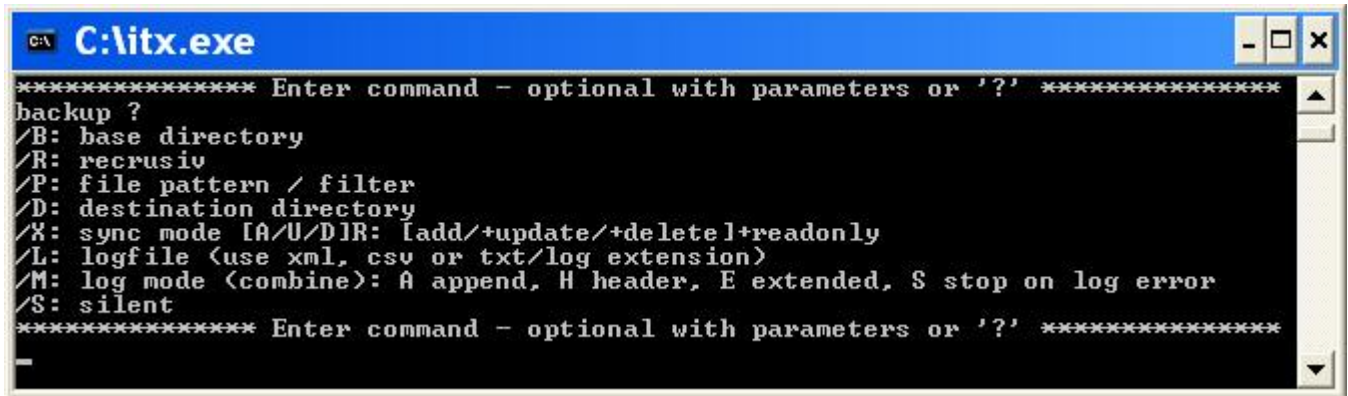
- R: Replacing archived files will fail on read-only flags. Add this key to perform command on read-only archiv files too.

Backup Command

Backup files from the base directory to the destination directory. Due to your needs, the process will only copy new files or also updating old versions of backup files or additionally clear backup files, which are no longer present in the base directory. The process will create the appropriate directory structure and delete obsolete directories as necessary.

Optionally create one or more reports what files / subdirectories have been copied to the destination directory.

Afterwards you may use the list command to create reports of the current contents of the base directory or the destination directory.



```
***** Enter command - optional with parameters or '?' *****
backup ?
/B: base directory
/R: recursiv
/P: file pattern / filter
/D: destination directory
/X: sync mode [A/U/D|R: [add/+update/+delete]+readonly
/L: logfile (use xml, csv or txt/log extension)
/M: log mode (combine): A append, H header, E extended, S stop on log error
/S: silent
***** Enter command - optional with parameters or '?' *****
```

Argument /D

This specifies the destination root directory. It will be created, if it does not exist.

Argument /X

This argument supports three different synchronisation modes. Use one of the following keys:

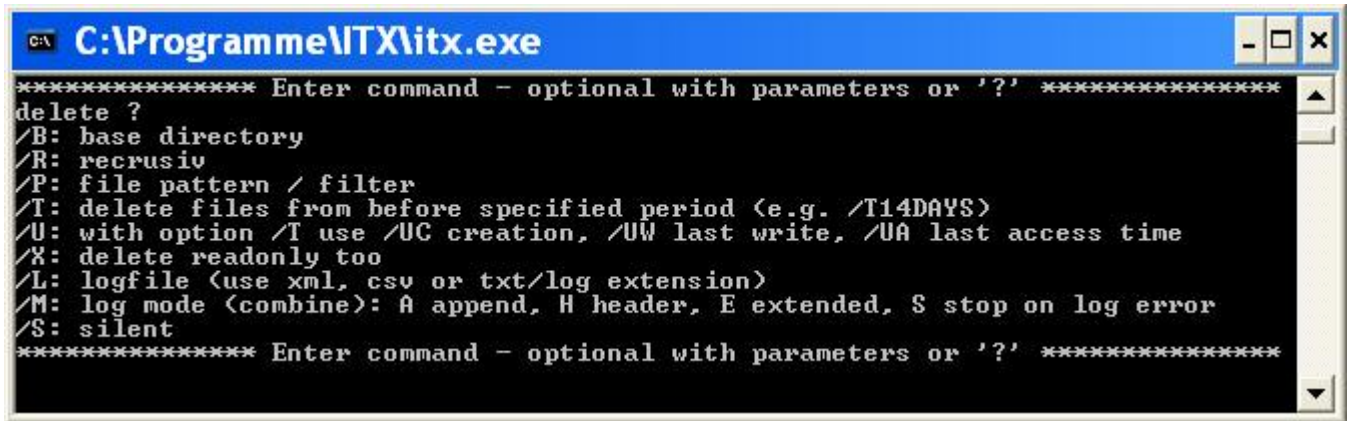
- A: Source files will only be added to the destination file. No replacement or deletion will be done there. This mode is best in case of creating new backup directories or if source files will never change.
- U: Like mode A, but additionally, existing backup files will be replaced by newer versions of their source files pendants.
- D: Default mode: Like mode U, but additionally, existing backup files will be deleted, if their source file pendants are missing.

As an option you may add

- R: Replacing or deleting backup files will fail on read-only flags. Add this key to perform command on read-only backup files too.

Delete Command

Delete files due to their age of creation / modification or to their last usage. The command works similar to the archive command, except there is no need of a destination directory. Optionally create one or more reports what files / subdirectories have been deleted. Afterwards you may use the list command to create reports of the current contents of the base directory

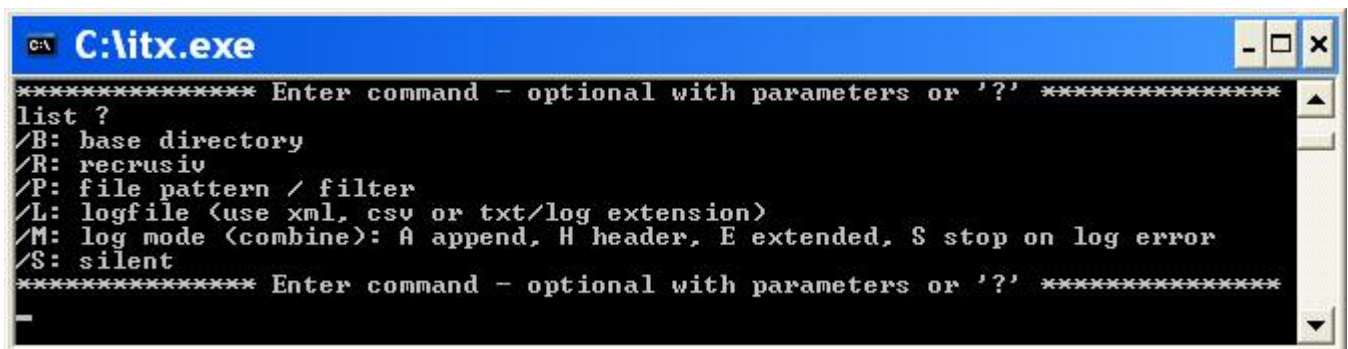


```
C:\Programme\ITX\itx.exe
***** Enter command - optional with parameters or '?' *****
delete ?
/B: base directory
/R: recursiv
/P: file pattern / filter
/T: delete files from before specified period (e.g. /T14DAYS)
/U: with option /T use /UC creation, /UW last write, /UA last access time
/X: delete readonly too
/L: logfile (use xml, csv or txt/log extension)
/M: log mode (combine): A append, H header, E extended, S stop on log error
/S: silent
***** Enter command - optional with parameters or '?' *****
```

All arguments are listed and explained with the archive command.

List Command

This command does nothing with the files. It just reports the files, directories and some of their attributes to standard data formats for any post processing you may think of.



```
C:\itx.exe
***** Enter command - optional with parameters or '?' *****
list ?
/B: base directory
/R: recursiv
/P: file pattern / filter
/L: logfile (use xml, csv or txt/log extension)
/M: log mode (combine): A append, H header, E extended, S stop on log error
/S: silent
***** Enter command - optional with parameters or '?' *****
-
```

This command does not have any specific arguments.

My Command

Well, the ITX console is well designed and adding features is easy. Any is welcome.