

NAME

collector – a simple script to collect information about your environment.

SYNOPSIS

collector [-h] [-c {gzip,bz2,xz,tar,zip}] [-d DIRECTORY] [-V] [--license]

DESCRIPTION

Collector is a script that does exactly as its name implies; it collects things. Collector is used to retrieve important files and find important info inside a user's home directory, create a sharable archive file, and then educate the user how they can share it with a specific tech. For collector, it does not matter whether the above files exist or not; collector simply looks for them. Once they are found, collector adds them to an archive. Collector also runs a few shell commands on the user's home directory and saves that output to the archive as well. Once collector is done, it creates an archive named \$USER-info.

Here is the list of files that collector searches for:

1. bashrc – a shell script run everytime a user creates a new bash shell.
2. bash_history – a helpful log containing previously run bash commands.
3. bash_profile – a shell script executed when a user logs in with their bash credentials.
4. bash_logout – a shell script run everytime a user exits a bash shell session.
5. bash_aliases – a shell script defining bash aliases that is typically run everytime a user creates a new bash shell.
6. config.fish – a shell script run everytime a user creates a new fish shell.
7. cshrc – a shell script run everytime a user creates a new csh shell.
8. history – a helpful log containing previously run csh commands.
9. tcshrc – a shell script run everytime a user creates a new tcsh shell.
10. zshrc – a shell script run everytime a user creates a new zsh shell.

OPTIONS

-c|--compression [gzip|bz2|xz|tar|zip]

Compression algorithm to use when creating collector archive. The default is zip compression.

-d|--directory <output_directory>

Directory to save collector's output archive to. On Roar, the default is the \$HOME/scratch directory.

-V|--version

Print collector version info.

--license

Print collector licensing info.

-h|--help

Print help info.

FILES

/gpfs/group/dml129/default/sw7/iaskutils/bin/collector

/gpfs/group/dml129/default/sw7/iaskutils/collector.py

/gpfs/group/dml129/default/sw7/iaskutils/utils/compression.py

/gpfs/group/dml129/default/sw7/iaskutils/utils/print_license.py

/gpfs/group/dml129/default/sw7/iaskutils/utils/special_print.py

/gpfs/group/dml129/default/sw7/iaskutils/utils/verifylocale.py

EXAMPLES**collector**

Execute collector and save the zip archive to \$HOME/scratch/\$USER-info.zip.

collector -c gzip

Execute collector and save the gzip archive to \$HOME/scratch/\$USER-info.tar.gz.

collector -c bz2

Execute collector and save the bz2 archive to \$HOME/scratch/\$USER-info.tar.bz2.

collector -c xz

Execute collector and save the xz archive to \$HOME/scratch/\$USER-info.tar.xz.

collector -c tar

Execute collector and save the tar archive to \$HOME/scratch/\$USER-info.tar.

collector -c gzip -d ~/work

Execute collector and save the gzip archive to \$HOME/work/\$USER-info.tar.gz.

BUGS

No known bugs. If you encounter a bug using this script, please open an issue at <https://github.com/ICDS-Roar/iaskutils>.

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