

## 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 name \$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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