

Tool Name: h5edit

Syntax:

```
h5edit [-h | --help]
h5edit options parameter h5file
```

Purpose:

An HDF5 file editor.

Description:

h5edit is a tool for editing an HDF5 file. The tool can read in a command file, written in the H5edit Command Language, to edit the file accordingly. Commands can be given as command line option. This is intended for simple and short commands. The H5edit Command Language is defined in “Definition of the H5edit Command Language”.

Options and Parameters:

These terms are used as follows in this section:

```
-h, --help
    Print a usage message and exit.
-c command, --command command
    Specify an H5edit command to apply to the file h5file.
--command-file commfile
    Specify a command file, commfile, that contains H5edit commands written in the
    H5edit Command Language, to apply to the file h5file.
--dryrun
    Just check the syntax of the H5edit commands against the HDF5 file without making the
    actual changes to the HDF5 file.
--atomic[=atomic-level]
    (To be supported in future implementation)
    Specifies the atomic level:
        Yes: This is the default. It means the changes must be done as all or nothing.
        The original data file is restored in case of any command failures.
        no: No atomicity is desired. Do as much changes as possible.
        inc: Atomicity of changes at individual command level is desired, not the
        entire execution.
```

H5edit Commands:

These commands are supported:

```
create: create a new attribute in an object
delete: delete an existing attribute from an object
```

These commands are to be supported in the future:

```
rename: modify the name of an existing attribute
modify: modify the value(s) of an existing attribute
copy:    copy an existing attribute from one object to another object
move:    move an existing attribute from one object to another object
exists:  check if an attribute exists
```

Exit Status:

```
0    Succeeded.
```

>0 An error occurred.

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