

GIVE

Version 202

Installation and Reference Manual

08. February 2002


GreenHouse

Software & Consulting

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PGP fingerprint: 3A 32 D9 0A D1 25 54 18
11 50 24 84 66 29 2D D2



GIVE is a newly designed and developed product by GreenHouse Software & Consulting. It is intended to enable the system manager to give a set of files, belonging to a specified number of users, to a new set of users. This is required when restructuring user IDs on a system, and a typical task when introducing security!

When changing the owner ID of a file, the two security attributes PROGID as well as LICENSE are lost by intention. GIVE is able to restore these attributes when executed from the SUPER.SUPER ID.

Command syntax to run GIVE:

```
[run] GIVE/[IN<uplist>][,OUT<logfile>]/filenametemplate [olduser newuser]
```

where

uplist	user pair list is an EDIT type file is used when GIVE runs in batch mode
logfile	file where GIVE reports all actions to
filenametemplate	files which have to be given to the new users supports all wild card characters (*, ?)
olduser	actual owner ID of files in filenametemplate format is aaa,bbb where aaa and bbb = 0 .. 255
newuser	target owner ID of files in filenametemplate format is aaa,bbb where aaa and bbb = 0 .. 255

GIVE runs in two modes:

1. Command Mode
2. Batch Mode

1. Command Mode

This mode enables the user to execute GIVE on a set of files, where only one old and one new user can be specified.

The general command syntax is:

```
[run] GIVE/[OUT<logfile>]/filenametemplate olduser newuser
```

To give ALL disk files, belonging to 100,5 to the new ID of 182,48, and to produce a log in the Spooler location \$\$.#GIVE, run GIVE with the following command:

```
GIVE /OUT $$.#GIVE/ $*.*.* 100,5 182,48
```

2. Batch Mode

In batch mode, the disk files of a pre-defined list of users is given to the new ones. This mode should be used when a larger set of user IDs has to be changed at once.

The general command syntax is:

```
[run] GIVE/IN<uplist> [,OUT<logfile>]/filenametemplate
```

To give all files from to:

old user	new user
255,255	182,48
100,5	30,32
100,5	30,32
13,46	12,24

where these files reside on the volumes named \$GHS*, and to display all GIVE activities on the home terminal, do the following:

1. Prepare a small EDIT type file, e.g. GIVELIST, and add a line for each user pair:

old user	new user
255,255	182,48
100,5	30,32
100,5	30,32
13,46	12,24

An example file can be found at the end of this documentation.

2. Run GIVE with the command;

```
GIVE/IN GIVELIST/$GHS*.*.*
```

In case you like to have the results logged in a file named RESULTS, add an OUT clause in the start-up message:

GIVE/IN GIVELIST,OUT RESULTS/\$GHS*.*.*

If RESULT exists, it is opened and the GIVE actions are written to it.
If RESULT does NOT exists, it is created as an EDIT type file.

Log results

GIVE displays/logs the following information to the OUT file:

file name	old ID	new ID	GUARDIAN error
\SEQUOIA.\$GHS1.GIVE.GIVE	from 255,255	to 100,005	12
\SEQUOIA.\$GHS1.GIVE.README	from 255,255	to 100,005	0
\SEQUOIA.\$GHS1.GIVE.RESULTS.	from 255,255	to 100,005	12

In case no OUT file is supported, the users home terminal is used.

In case an OUT file IS supported but does not exists, it is created as an EDIT type file.

In case the OUT file exists, it is opened, and the new information is written to the EOF.

Example GIVELIST file

```
!
!
!                               Example GIVELIST
!                               =====
!
!                               Version 100
!
!
!           Copyright (c) GreenHouse Software & Consulting 1995!
! File format:
!
! - all lines, beginning with an exclamation mark (!) or a
!   double minus sign (--), are treated as comment lines.
!   These first lines are comment lines.
!
! - ID pair entries have the format:  old,id  new,id
!   old,id  ID is the user ID which has to be changed to  new,id.
!   Both ID's are in the format aaa,bbb, where aaa and bbb are in the
!   range of 0 .. 255.
!   An example would be:  100,5  182,48
!   Only the first two ID's are taken into account. Everything that follows
!   the two ID's is ignored and can be used as comment (see below).
!
!
! Limitation:
!
! The number of users GIVE can process at once is limited to 5,000. But I
! hope that this limit is never reached.
! In case you really have that many users to rename, run GIVE several times.
!
!
! -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
!   Old      /      New      /      Comment
! User ID   /   User ID   /
! -----+-----+-----+-----+-----+-----+-----+-----+-----+
!
!   100,5      30,30      /      sa.carl      -> hallo.hallo
!   255,255    13,13      /      super.super -> test.manager
!   245,245    182,48     /      hallo.hallo -> ghs.carl
!
! -----+-----+-----+-----+-----+-----+-----+-----+-----+
! 
```

All characters shown in italics are treated as comment.