MASTER

A Program for Project Masters

The MASTER program is used by project masters[1] to grant, revoke, and list project identifiers for users.

The MASTER program is run using the `MASTER` command. The `MASTER` command is a foreign command of the form:

```
$ MAS*TER == "$dev:[dir]MASTER.EXE"
```

It must be installed with SYSPRV, CMKRNL, and WORLD privileges.

Command syntax:

```
$ MASTER GRANT[/SURE][/NOTNOW] identifier username
$ MASTER REVOKE[/SURE][/NOW]   identifier username
$ MASTER LIST                  identifier
```

`/SURE` suppresses the "Are you SURE" question for granting/revoking the proj_MASTER identifier itself. Since the proj_MASTER identifier conveys the power to grant/revoke identifiers as well as fairly unlimited file access, the MASTER program requires confirmation of such actions.

`/NOTNOW` does not grant the identifier to existing processes; the default action is to grant the identifier to existing processes.

`/NOW` revokes the identifier from existing processes; the default action is not to revoke the identifier from existing processes.

Note that, due to restrictions in the system services which perform these tasks[2], only existing processes on the same node as the process issuing the command are updated; any users on other nodes must log out and back in for the changes to take effect.

Once dynamic identifiers have been granted to a user, they may be enabled and disabled at any time with the `SET RIGHTS` command. Note that there are two concepts dealing with identifiers:

1. Granting and Revoking: management level
2. Enabling and Disabling: user/program level

If a user is granted a dynamic identifier, he may enable or disable it. If the user does not have an identifier (it may have been revoked), he cannot enable it. If a user is granted an identifier, it is enabled by default and must be explicitly disabled.

[1] Project masters are those holding the proj_MASTER identifier.
[2] $GRANTID and $REVOKID