

# PROFILE - Activate Dynamic Parameter Profile

This Natural profile parameter is for mainframes only.

When you invoke Natural with dynamic profile parameters, instead of having to specify a whole string of individual parameters each time you invoke Natural, you can specify the string of parameters once, store this string under a profile name and then invoke Natural with only one dynamic parameter as follows:

```
PROFILE=profile-name
```

The parameters defined under this profile are passed to Natural as dynamic profile parameters. You create and maintain these profiles with the utility SYSPARM (described in the Natural Utilities documentation).

<b>Possible settings</b>	1-8 characters	Profile-name. Or special options, see below.
<b>Default setting</b>		
<b>Dynamic specification</b>	YES	
<b>Specification within session</b>	NO	

## Special Options

In addition, the PROFILE parameter provides the following special options:

PROFILE=AUTO	Natural takes the current TP user ID (as contained in the system variable *INIT-USER) as profile name, which means that the profile defined under the name corresponding to that ID is used. If no such profile is found, a profile named "AUTO" is used instead (if available). You can define such an "AUTO" profile as default profile for users without individual profiles.
PROFILE=TERMINAL	Natural takes the current terminal ID (as contained in the system variable *INIT-ID) as profile name, which means that the profile defined under the name corresponding to that ID is used.
PROFILE=PROGRAM	Natural takes the name of the program currently executing as Natural (as contained in the system variable *INIT-PROGRAM) as profile name, which means that the profile defined under this name is used.

By default, the profile is read from the current FNAT system file.

To read it from a different system file, you can specify the desired database ID, file number, password and cipher code after the *profile-name* (or after one of the above special options) as follows:

```
PROFILE=(profile-name,dbid,fnr,password,cipher-code)
```

To ensure that all profile parameters are read from the same system file (other than FNAT), specify the following in the parameter module:

```
PROFILE=( ,dbid,fnr)
```

If the PROFILE parameter is specified within a parameter module, it is evaluated **after** the other parameters in the parameter module, but **before** any dynamically specified profile parameters are evaluated; this means that parameters specified within the profile can be overridden by individually specified dynamic parameters.

To restrict the use of a profile, you can use the USER profile parameter.

Unlike other parameters, a PROFILE parameter specification cannot be overwritten by another PROFILE. So you can have multiple parameter profiles which are evaluated all in a sequence.

The PROFILE parameter cannot be used with ADARUN MODE=SINGLE.