

# PROFILE - Activate Dynamic Parameter Profile

This Natural profile parameter can be used to activate a dynamic parameter profile.

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= <i>profile-name</i>
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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 *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	<p>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.</p> <p>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.</p>
PROFILE=TERMINAL	<p>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.</p> <p>If no such profile is found, a profile named TERMINAL is used instead (if available). You can define such a TERMINAL profile as default profile for users without individual profiles.</p>
PROFILE=PROGRAM	<p>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.</p> <p>If no such profile is found, a profile named PROGRAM is used instead (if available). You can define such a PROGRAM profile as default profile for users without individual profiles.</p>

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 profile parameter USER.

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.