

How to Set Session Parameters

Natural session parameters can be set in several ways:

- via the default parameter module/file (NATPARM), which is set when Natural is installed;
- via dynamic parameters specified when invoking Natural (as described in your Natural Operations documentation);
- via the system command GLOBALS;
- via a SET GLOBALS statement (in reporting mode only);
- via a FORMAT statement;
- via parameter specification within statements where parameters also are evaluated, for example, INPUT, DISPLAY, WRITE;
- via terminal commands.

Instead of the parameter values "ON" and "OFF", you can also specify "T" (true) or "F" (false) respectively.

Changing Parameters at Session Level Using the GLOBALS Command

For your Natural session you can change some of the parameter values set by the Natural administrator.

Within your Natural session, you can change these parameters by issuing the following system command:

GLOBALS

When you issue the GLOBALS command, a screen is displayed showing the parameter values that are currently in effect for your session. On this screen, you can change the values that do not suit your requirements.

A parameter value set with a GLOBALS command remains in effect until the end of the Natural session (and applies to every object you store during the session), unless you change it again with another GLOBALS command.

Changing Parameters at Program Level Using the FORMAT Statement

You can change certain parameters for the duration of a single program (report). This is done by using a FORMAT statement in the program, which will override the session-wide settings for these parameters.

Example of a FORMAT Statement:

```
FORMAT AL=10 HC=R
```

Parameters set with a FORMAT statement apply until the end of the executed program, unless they are changed with another FORMAT statement in the program.

Not all session parameters can be changed at program level, while several parameters that can be specified at program level cannot be specified at session level; most of the latter are parameters which affect the format of an output report.

Changing Parameters at Statement Level

Most of the parameters you can change with a FORMAT statement you can also change for an individual statement; for example, for a particular DISPLAY, WRITE, INPUT or REINPUT statement.

This is done by specifying the parameter (in parentheses) after the statement name.

Example:

```
DISPLAY (SF=4) NAME JOB-TITLE CURR-CODE SALARY
```

A parameter set at statement level applies only to the statement in which it is specified. The setting at statement level overrides, for that statement only, all other settings of that parameter at other levels.

Changing Parameters at Field Level

Within a DISPLAY, WRITE, INPUT or REINPUT statement, you can also change some parameters for an individual field or output element.

This is done by specifying the parameter (in parentheses) after the field name.

Example:

```
DISPLAY NAME (AL=10) JOB-TITLE CURR-CODE SALARY
```

The parameter value then applies only to that field. The setting at field level overrides, for that field only, all other settings of that parameter at other levels. However, only some of the parameters that can be set at statement level can also be set at field level.