

Using Session Parameters

When you start Natural, the Natural parameter file is read to determine the settings of several parameters which customize the Natural installation to your specific environment and requirements. Some of these parameters can be updated after the Natural session is up and running.

Note:

These modifications are only valid for the current session. When you exit Natural, these settings are discarded and the settings in the Natural parameter module are used for the next Natural session.

This section describes parameters that can be dynamically updated, that is, updated during a running session. For a full description of all available session parameters, follow the corresponding parameter links or see the Session Parameters overview page in the Natural Reference documentation.

The following topics are covered below:

- Setting Session Parameters
- Session Parameters Grouped by Function
 - Report Parameters
 - Limit Settings
 - Character Assignments
 - Compiler Options
 - Field Appearance
 - Error Handling
 - Data Representation

Setting Session Parameters

► To set global parameters dynamically

- From the **Tools** menu, select **Session Parameters**.
(To set a parameter to ON check the corresponding box.)
Or enter the **GLOBALS** command in the command line.
Or use the **SET GLOBALS** statement in a Natural program.
Or set the session parameter(s) at the statement and/or element level with certain Natural statements (**FORMAT**, **DISPLAY**, **INPUT**, **REINPUT**, **WRITE**, **PRINT**).

Session Parameters Grouped by Function

- Report Parameters
- Limit Settings
- Character Assignments
- Compiler Options
- Field Appearance
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- Data Representation

Report Parameters

| Parameter | Function |
|-----------|-----------------------|
| EJ | Page eject |
| LS | Line size |
| PS | Page size |
| SF | Spacing factor |
| IM | Default terminal mode |

Limit Settings

| Parameter | Function |
|-----------|------------------------|
| LE | Limit error processing |
| LT | Processing loop limit |

Character Assignments

| Parameter | Function |
|-----------|-------------------------------------|
| CF | Terminal command character |
| DC | Decimal-point notation character |
| IA | Input ASSIGN character |
| ID | INPUT statement delimiter character |

Note:

All character assignments must be mutually exclusive.

Compiler Options

| Parameter | Function |
|---------------|-----------------------------|
| DU | Memory dump generation |
| FS | Length/format specification |
| SM | Structured mode |
| SYMGEN | Generate symbol tables |

Field Appearance

| Parameter | Function |
|-------------|-----------------------------|
| ZP | Zero printing |
| PM | Print mode |
| ML | Msg line position |
| FCDP | Filler characters protected |
| OPF | Overwriting protected |

Error Handling

| Parameter | Function |
|--------------|------------------------|
| SA | Terminal alarm feature |
| ZD | Zero division |
| REINP | Automatic REINPUT |

Data Representation

| Parameter | Function |
|----------------|--------------------------|
| DFOUT | Date format output |
| DFSTACK | Date format stack |
| DFTITLE | Date format report title |