

# Using Statements and Commands in a NaturalX Server Environment

The behavior of some Natural statements and Natural system commands changes in a server environment.

This chapter covers the following topics:

- Natural Statements
  - Natural System Commands
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## Natural Statements

This section covers the following statements:

- DISPLAY, INPUT, PRINT, REINPUT and WRITE Statements
- WRITE WORK FILE and READ WORK FILE Statements
- STOP and TERMINATE Statements

### DISPLAY, INPUT, PRINT, REINPUT and WRITE Statements

- Output to a screen (output to Report 0) is not appropriate in a server environment, and in some cases is not possible. Therefore, in the case of an interactive I/O in the server environment, the error NAT0723 is returned to the client. Redirecting the I/O by using the MAINPR parameter is, of course, possible and is fully supported.
- When output is written to a report by a method, the report is opened at the start of the method and closed at the end. The report is not kept open between method calls to avoid interference between clients.

### WRITE WORK FILE and READ WORK FILE Statements

When you access a work file in a method, the file is opened at the start of the method and closed at the end. The file is not kept open between method calls to avoid interference between clients.

### STOP and TERMINATE Statements

- The behavior of the TERMINATE statement matches that of the STOP statement. Processing of return values is not supported.
- The STOP and TERMINATE statements behave in the same way as the ESCAPE ROUTINE statement during method execution. Method execution is terminated immediately without producing any return value.

## Natural System Commands

Only the following Natural commands are allowed in the server environment:

- CATALOG
- CLEAR
- EXECUTE
- LOGOFF
- LOGON
- READ
- RETURN
- RUN
- SAVE
- SETUP
- STOW

From this list, the commands CATALOG, CLEAR, READ, RUN, SAVE and STOW are only allowed if the server is running under a development Natural (*natural.exe*).

All commands that are not allowed will be rejected with the error NAT0082.