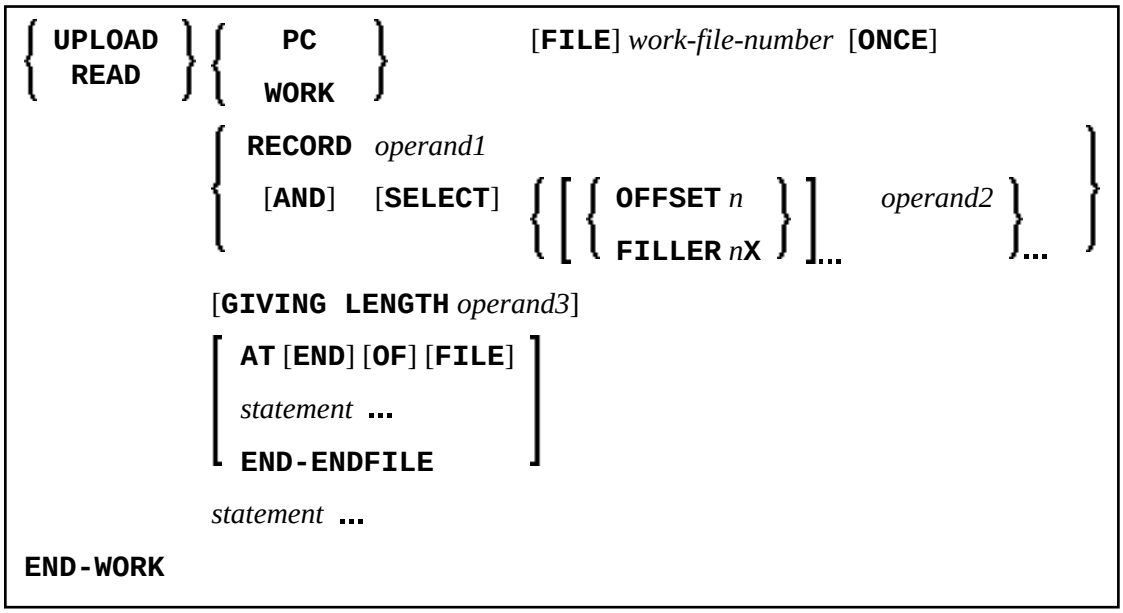
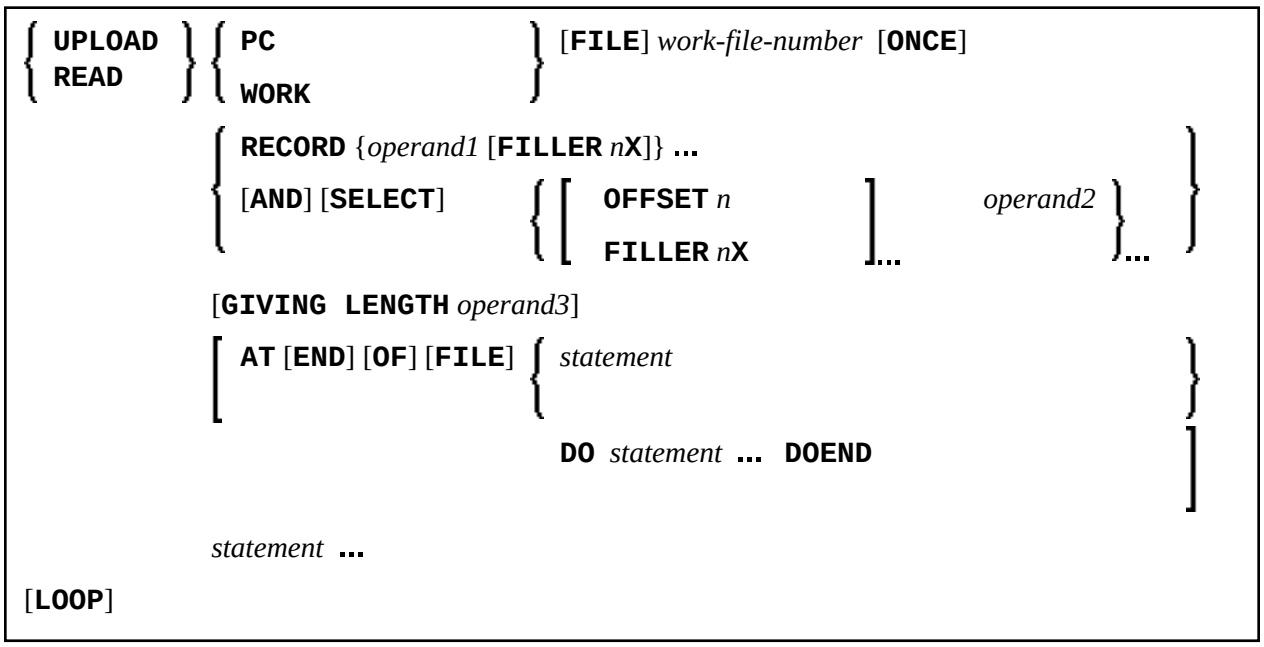
UPLOAD PC FILE

Structured Mode Syntax



Reporting Mode Syntax



This chapter covers the following topics:

- Function
- Syntax Description

- Example

For an explanation of the symbols used in the syntax diagram, see *Syntax Symbols*.

Related Statements: CLOSE PC FILE | DOWNLOAD PC FILE | READ WORK FILE

Belongs to Function Group: *Control of Work Files / PC Files*

Function

The `UPLOAD PC FILE` statement is used to transfer data from a PC to a mainframe platform.

See also:

- *Natural Connection* and Entire Connection documentation
- `READ WORK FILE` statement syntax description

Syntax Description

Operand Definition Table:

Operand	Possible Structure					Possible Formats											Referencing Permitted	Dynamic Definition
operand1		S	A	G		A	U	N	P	I	F	B	D	T	L	C	yes	yes
operand2		S	A	G		A	U	N	P	I	F	B	D	T	L	C	yes	yes
operand3		S								I							yes	yes

Format C is not valid for Natural Connection.

Syntax Element Description:

work-file-number	The number of the work file to be used. This number must correspond to one of the work file numbers for the PC as defined to Natural.
operand1-2	**Field Specification:** With *operand1* and *operand2* you specify the fields to be uploaded from the PC. The fields may be database fields or user-defined variables.
statement	No I/O statement may be placed with the `UPLOAD PC FILE` processing.
ONCE, SELECT, GIVING LENGTH **RECORD**	**Options:** For a description of the `ONCE`, `SELECT`, `GIVING LENGTH` options, refer to the corresponding sections in the description of the `READ WORK FILE` statement. The `RECORD` option is not permitted for PC work files. It will be rejected at runtime. When uploading data, if you wish to define a filler, you must use a dummy variable instead of the standard filler notation.
END-WORK	The Natural reserved keyword `END-WORK` must be used to end the `UPLOAD PC FILE` statement.

Example

The following program demonstrates the use of the `UPLOAD PC FILE` statement. The data is first uploaded from the PC and then processed on the mainframe.

```
** Example 'PCUPEX1': UPLOAD PC FILE
**
** NOTE: Example requires that Natural Connection is installed.
** CAUTION: Executing this example will modify the database records!
************************************************************************
DEFINE DATA LOCAL
01 EMPL VIEW OF EMPLOYEES
   02 PERSONNEL-ID
   02 INCOME
      03 SALARY (1)
*
01 #PID (A8)                                  /* Personnel ID on PC
01 #NEW-INCREASE (N4)                         /* Increase for salary
END-DEFINE
*
UPLOAD PC FILE 7 #PID #NEW-INCREASE           /* Data upload
*
  FIND EMPL WITH PERSONNEL-ID = #PID          /* Data selection
    ADD #NEW-INCREASE TO SALARY (1)           /* Data update on host
    UPDATE
    END TRANSACTION
    ESCAPE BOTTOM
```

```
  END-FIND
*
END-WORK
END
```

Output of Program PCUPEX1:

When you run the program, a window appears in which you specify the name of the PC file from which the data is to be uploaded. The data is then uploaded from the PC.