

Specifying a File Name

This chapter covers the following topics:

- Downloading Data Using a Dialog Box
- Uploading Data Using a Dialog Box
- Specifying a File Name Using the SET Command
- Creating a File Name Dynamically

The format of a file is determined by its extension.

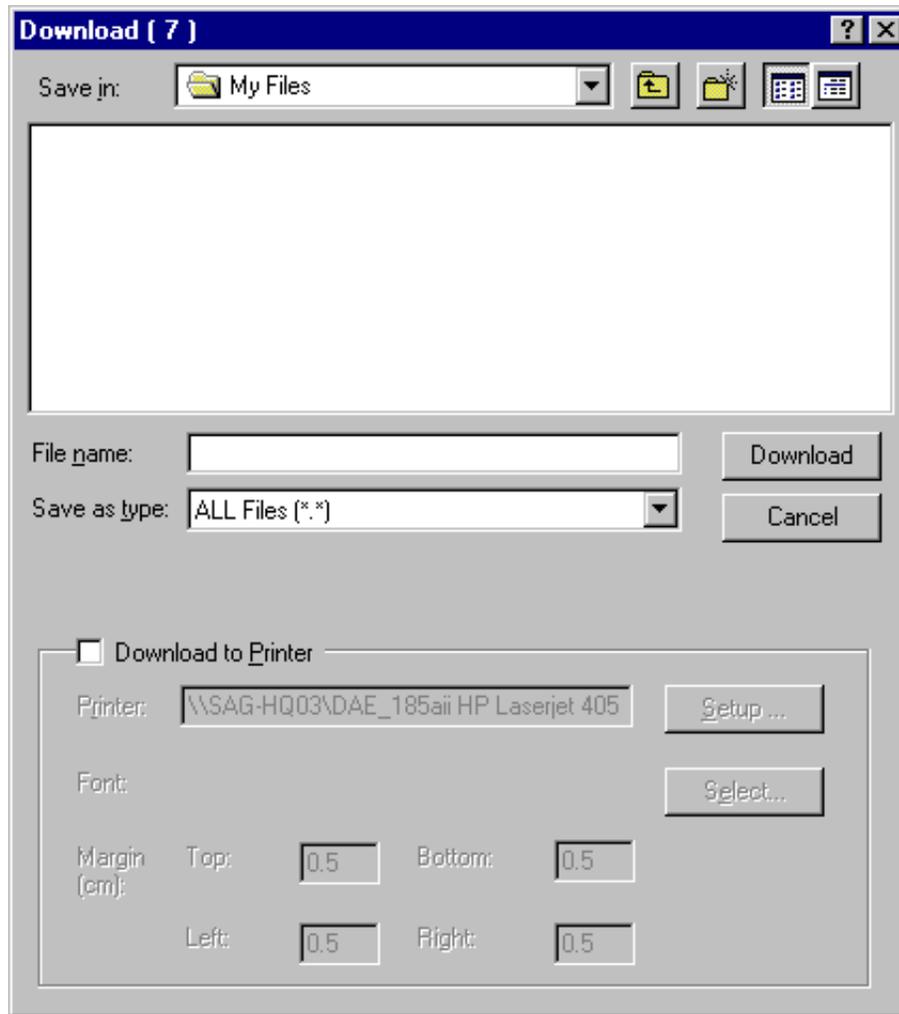
Downloading Data Using a Dialog Box

You can download data to a file or printer. To do so, start an application that uses a download command (for example, the sample Natural source program *NATEX01.NSP* in folder *..\Software AG\Entire Screen Builder 5\samples\samplnattransfer*).

If you download data to a file and no file name has been associated with the work file number used in a Natural program, a dialog box prompts you for a file name at execution time. The Natural work file number is shown in brackets in the title bar.

Notes:

1. The dialog boxes shown in this documentation have been taken from the Web Viewer.
2. For the XML Version, a dialog with the same options is shown in the browser window. It is not possible to download data to a printer.



► **To download data to a file**

1. In the **File name** text box, enter the name of the file in which the data are to be stored on the PC.

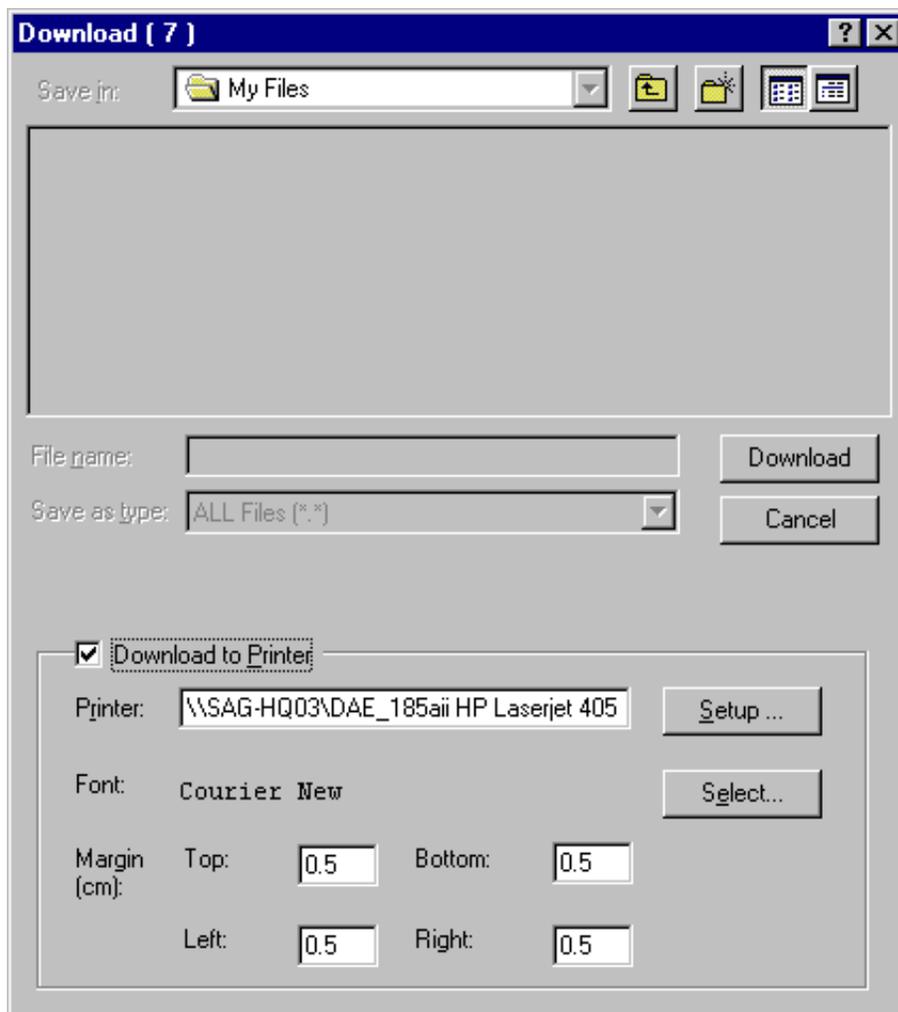
If you do not specify a path, the file is stored in the current directory.

2. Choose the desired file type from the **Save as type** drop-down list box.
3. Choose the **Download** button.

The data are downloaded to the specified file.

▶ **To download data to a printer**

1. Leave the **File name** text box empty.
2. Select the **Download to Printer** check box.



3. Optionally: choose the **Setup** button to select another printer or to define another orientation (e.g. landscape).
4. Optionally: choose the **Select** button to select another font.
5. Optionally: define the margins (top, bottom, left and right) by specifying the required values in centimeters in the corresponding text boxes.
6. Choose the **Download** button.

The data are downloaded to the specified printer.

Uploading Data Using a Dialog Box

You can upload data from a file. To do so, start an application that uses an upload command (for example, the sample Natural source program *NATEX07.NSP* in folder *..\Software AG\Entire Screen Builder 5\samples\samplenattransfer*).

If no file name has been associated with the work file number used in a Natural program, a dialog box prompts you for a file name at execution time. The Natural work file number is shown in brackets in the title bar.

Note:

For the XML Version, a dialog with the same options is shown in the browser window.



▶ **To upload data to a file**

1. In the Upload dialog box, select the file to be uploaded.
2. Choose the **Upload** button.

Specifying a File Name Using the SET Command

Natural programs download or upload data by referring to the number of a work file or printer file. This number must be an integer between 1 and 32. You can define up to 32 work files and up to 31 printer files.

A file name can be associated with several numbers for work files and printer files. The number of a work file or printer file, however, can only be associated with one file name.

You can issue the SET command in two different ways:

- in a Natural program with the `DOWNLOAD COMMAND` statement, or
- in an Entire Screen Builder script file with the `SetDataTransfer` method.

Note:

In the XML Version, a message is shown indicating the file name that has been specified with the SET command. However, you have to specify it manually in the corresponding text box.

▶ To associate a file name with the number of a work file or printer file

- Issue the SET command using the following syntax:

```
SET PCFILE x DOWN DATA filename.ext
```

```
SET PCFILE x UP DATA filename.ext
```

```
SET PCFILE y DOWN REPORT filename.ext
```

where *x* is a valid work file number, *y* is a valid printer file number, and *filename.ext* is a valid file name. There is no warning if a file with that name already exists.

Do not use PRN, LPT1, LPT2 or LPT3 as the file name.

The file name remains associated with the specified work file number until you leave Entire Screen Builder or until the SET command is issued to reset the work file.

Note:

To associate a file name with a printer file number, use `DOWN REPORT`.

▶ To reset the work file or printer file

- Issue the SET command without specifying a file name.

The following commands reset the file numbers defined above:

```
SET PCFILE x DOWN DATA
```

```
SET PCFILE x UP DATA
```

```
SET PCFILE y DOWN REPORT
```

where *x* is a valid work file number, and *y* is a valid printer file number.

 **To specify an XSL style sheet type and name for download to XML**

- Issue the SET command using the following syntax:

```
SET PCFILE x DOWN CONVERT stylesheet-type stylesheet-name
```

where *stylesheet-type* is the type of the style sheet (for example, "text/xsl") and *stylesheet-name* is a valid file name. There is no warning if a file with that name does not exist.

Note:

The specified work file number is not used. This command always sets the style sheet for *all* work files.

Example:

```
SET PCFILE 7 DOWN CONVERT text/xsl employ.xml
```

This inserts the following the style sheet definition in all downloaded XML files:

```
<?xml-stylesheet type="text/xsl" href="employ.xml"?>
```

The style sheet type and name remain associated with the work files until you leave Entire Screen Builder or until the SET command is issued to reset the XSL style sheet type and name.

Note:

It is also possible to specify a style sheet using the script file method `SetXMLStyleSheet`. The last command that was issued (either SET or `SetXMLStyleSheet`) always determines the style sheet to be used.

 **To reset the XSL style sheet type and name for download to XML**

- Issue the SET command without specifying a style sheet type and name:

```
SET PCFILE x DOWN CONVERT
```

Note:

The specified work file number is not used. This command always resets the style sheet for *all* work files.

Creating a File Name Dynamically

You can instruct Entire Screen Builder to dynamically create a file name at download time. In this case, the file name consists of the date and time the file was created. The format is DDHHMMSS (DD = day, HH = hour, MM = minute, SS = second).

To create a file name dynamically

- Issue the following command:

```
SET PCFILE 3 DOWN DATA ~~RANDOM.ext
```

You can specify an extension (optional). You must not specify a drive or directory.