



602XML Filler 2.5

Parameters Manual

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Introduction

602XML Filler allows you to start it with parameters, which will provide for opening a specific form, loading XML data from a data file, and it can further influence application behavior.

Basic syntax of 602XML Filler with parameters:

```
"application_path" "form_path" "XML_data_file_path"
```

Example:

```
%ProgramFiles%\Software602\602XML\Filler\Filler602.exe c:\form.fo c:\data.xml
```

Additional command-line parameters for 602XML Filler:

Parameter	Description
-savedir "path"	A path to the default location for filled-in form saved in 602XML Filler application.
-cfg "path"	A path to a file containing configuration of form behavior extended properties and application configuration during form filling-in (see chapter 4).
-dbg	Makes sure that the application Warning/Error Pane will be displayed during filling-in process, and that operational and error states will be displayed in this pane.
-s	Makes sure that the welcome graphics will not be displayed at 602XML Filler application startup.
-printforms "path"	Starts 602XML Filler application in Print multiple forms mode. More information can be found in chapter 5.
-pt	Starts 602XML Filler application and prints a file - eventually adds specific data - to the specified printer. More information can be found in chapter 5.

Important Notes

- The sequence of paths to the form and to the loaded data must be invariable.
- Path to the *.fo or *.zfo form and the path to XML data file can be relative to the location of the loaded file.
- The path to the *.fo or *.zfo form and the path to the XML data file can be a path on the local or network disk, or URL address on an HTTP/HTTPS/FTP server.
- Individual paths and individual parameters must be separated by a space.

- The parameter of XML data file path is not required, however, if it is specified, it is necessary to specify also the parameter of *.fo or *.zfo form path, namely in the specified order.
- Specification of a file path can also utilize Windows system variables.

Windows System Variables

System variables that can be used to specify a path in Windows NT/2000/XP/2003/Vista:

- ALLUSERPROFILE - contains full pathname to the „AllUsers“ profile.
- APPDATA - contains a directory path, which the applications use as a default directory for data storage.
- CD - contains current directory path.
- HOMEDRIVE - contains disk drive letter, where the home directory of currently logged-in user is found.
- HOMEPATH - contains full pathname to the home directory of currently logged-in user.
- PROGRAM FILES - contains full pathname to the „Program Files“ folder.
- SYSTEMDRIVE - contains disk unit path, where Windows system is installed.
- SYSTEMROOT - contains Windows root directory path.
- TEMP - contains directory path, where temporary files are stored.
- TMP - see TEMP.
- USERPROFILE - contains path to currently logged-in user profile.
- WINDIR - contains path to OS Windows directory.

System variables that can be used to specify a path in Windows 98/ME:

- TEMP - contains directory path, where temporary files are stored.
- TMP - see TEMP.
- WINBOOTDIR - contains path to OS Windows directory.
- WINDIR - contains path to OS Windows directory.

Apart from that, you can also use for path specification the user-defined system variables. Information how to specify custom system variables can be found in Microsoft web pages.

Examples of file path specification using system variables in Windows NT/2000/XP:

- %USERPROFILE%\Desktop\test.fo - opens the test.fo form found on desktop of currently logged-in user (in Windows XP).
- %PROGRAMFILES%\Software602\602XML\forms\test.fo - opens the test.fo form found in the forms subfolder of default 602XML applications installation directory.
- Note: The default folder, where 602XML Filler is installed, is "c:\Program Files\Software602\602XML\Filler\Filler602.exe". This can be changed during both general installation, and silent installation.

602XML Filler Customization

Each form can have a number of properties specified, which influence its behavior and 602XML Filler application behavior during form fill-in. These properties influence 602XML Filler application behavior each time, when a given form is loaded.

602XML Filler behavior can be also specified using so-called configuration file, which is passed to the application during startup (see above). 602XML Filler will - during the whole runtime - respect settings, which were specified in the configuration file.

All properties can be specified very simply from 602XML Designer application during custom form creation. As you will see, properties are grouped to several groups according to their functionalities. Most properties allow you to set one pre-defined value, by means of which it is possible to modify default 602XML Filler setting.

Options to Specify Form Behavior

Form behavior must be specified in 602XML Designer application. Select the Tools menu in the toolbar and choose the Form Options item:

Go to the Advanced tab. This tab contains several drop-down lists containing various form setting properties.

Toolbar Commands

Properties from the „Toolbar commands“ group influence the main toolbar appearance in 602XML Filler application, in particular location of buttons. If a toolbar part is hidden, (see parameters from the "602XML Form Filler Environment" group), these buttons will not be displayed!

Property	Options	Description
Open File	on off	Places the form file opening button onto the toolbar.
Save As	on off	Places the form file saving button onto the toolbar.
Print	on off	Places the form print button onto the toolbar.
Export to PDF	on off	Places the button for form export to PDF onto the toolbar.
Zoom Out	on off	Places the form zoom-out button onto the toolbar.
View Mode	on off	Places the button for specific display size selection onto the toolbar.
Zoom In	on off	Places the plus button for form zoom-in onto the toolbar.
Reset Entire Form	on off	Places the all-values reset button for the entire form onto the toolbar.

Reset Current Form Field	on off	Places the current field value reset button onto the toolbar.
Insert Repeating Section	on off	Places the add form repeating section button onto the toolbar.
Remove Repeating Section	on off	Places the remove form repeating section button onto the toolbar.
Recalculate	on off	Places onto the toolbar the button for recalculation of values specified in the form.
Validate	on off	Places onto the toolbar the button for validation of data filled into the form.
Help	on off	Places the open context help button onto the toolbar.
Open File	on off	Places the form file opening button onto the toolbar.
Save As	on off	Places the form file saving button onto the toolbar.
Print	on off	Places the form print button onto the toolbar.
Export to PDF	on off	Places the button for form export to PDF format onto the toolbar.
Zoom Out	on off	Places the form zoom-out button onto the toolbar.
View Mode	on off	Places the button for specific display size selection onto the toolbar.
Zoom In	on off	Places the plus button for form zoom-in onto the toolbar.
Reset Entire Form	on off	Places the all-values reset button for the entire form onto the toolbar.
Reset Current Form Field	on off	Places the current field value reset button onto the toolbar.
Insert Repeating Section	on off	Places the add form repeating section button onto the toolbar.
Remove Repeating Section	on off	Places the remove form repeating section button onto the toolbar.
Recalculate	on off	Places onto the toolbar the button for recalculation of values in the form.
Validate	on off	Places onto the toolbar the button for validation of data filled into the form.
Help	on off	Places the open context help button onto the toolbar.

Parameters

Properties from the „Parameters“ group influence e.g. data save properties and form save properties, partial signatures etc.

Property	Value	Description
Enable multiple signatures	true	Provides for multiple signatures of the form.
Save non-relevant data to form	true	Allows you to save non-relevant data that were filled into the form.
Debug file for XSLT transformations		Path and name of the debug file for XSLT transformations.

Default folder to save forms		Path to default folder to save the form file.
Default document format	fo zfo	Specifies default file format to save the form.
Save with password	mandatory forbidden	Specifies obligation or prohibition to request password for file save.
XML data file		Specifies a file path to save XML data.
Show information message before printing		Any message that is displayed prior to printing the form in 602XML Filler application.

Environment

Properties from the „602XML Filler Environment“ group influence display of toolbars and work panes. Toolbar settings influence display of individual buttons. If you hide some toolbar and simultaneously require in settings to display certain button located on this toolbar, such button will not be predictably displayed!

Property	Value	Description
Menu	on off	Provides for disabling or enabling of the basic menu.
“Standard” toolbar	on off	Provides for disabling or enabling of the Standard toolbar.
“Filler” Toolbar	on off	Provides for disabling or enabling of the Filler toolbar.
“Document Properties” work pane	on off	Provides for disabling or enabling of the “Document Properties” work pane.
“Fill Out” work pane	on off	Provides for disabling or enabling of the “Fill Out” work pane.
“Multiple Signatures” work pane	on off	Provides for disabling or enabling of the “Multiple Signatures” work pane.

Form View Properties

Properties from the „Form View Properties“ group allow you to change form view options, various field type options etc.

Property	Value	Description
Paper color	RGB – default white	Define paper color by means of the RGB model.
Paper color in read-only mode	RGB – default white	Define paper color in read-only form mode by means of the RGB model.
Fields highlight color	RGB	Define form fields color by means of the RGB model.
Required fields highlight color	RGB	Define color of required form fields by means of the RGB model.
Read-only fields highlight color	RGB	Define color of the read-only form fields by means of the RGB model.
View mode	fitmargin fitpage allpage	Select form view mode after load to 602XML Filler application.

Zoom to (%)	value	Select or specify zoom default value for the form in percent.
Strike-through blank fields	strike	Enable strike-through of blank form fields.

Configuration File Settings

Each form, for which you have somehow modified its configuration properties, influences behavior and appearance of 602XML Filler application. However, the changes will take effect after form opening. To set 602XML Filler application directly during startup, you have to make use of so-called configuration file.

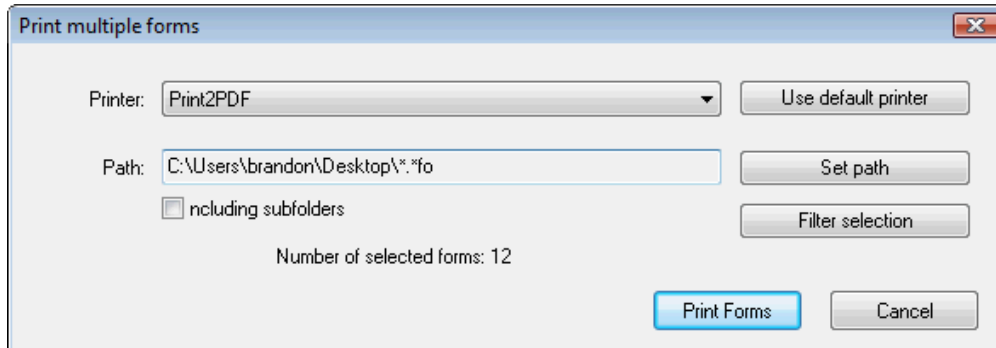
Configuration file is in principle a form (XSL-FO file), which has necessary properties specified; it is passed to 602XML Filler application during startup using the -cfg parameter described above. To create a configuration file, start 602XML Designer application, create an empty form (without any form controls), and specify required properties. Then save the form and pass it to 602XML Filler application - e.g. as a startup application shortcut property.

Configuration file, which you pass, using the command line, must be digitally signed, otherwise 602XML Filler would display an error message and the configuration file would not be loaded.

Print Multiple Forms Mode

You can launch 602XML Filler application in Print multiple forms mode using the `-printforms` "path" parameter. Path specification is not required; it serves only for setup of default selection of forms to be printed, which can be changed later.

If you start 602XML Filler application with this parameter, a dialog box for specification of Print multiple forms setting is displayed:



You can select a printer in this dialog box, where the selected forms will be printed; you can also specify form selection path (or change it, provided that it was specified directly in the command line parameter), eventually you can make advanced settings of form selection. After you press "Filter selection" button, a dialog box for selection of individual forms is displayed.

NOTE: Filter selection option is suitable especially in situations, when you print a high number of forms and the print task was - due to some reason - interrupted (printer communication error, paper low etc.).

You can print selected forms using the "Form print" button. A window informing about print task progress is displayed.

Print to a Pre-defined Printer

You can print the form to a pre-defined printer using the `-pt` parameter. Apart from that, you can have the form pre-filled with data and print afterwards:

```
/pt "C:\fo.zfo" "Print2PDF" /data "C:\data.xml"
```

Examples

You can try to start 602XML Filler with form path, with a file containing data and parameters in the following examples.

Example #1

Start 602XML Filler with following assumptions: both the form and data file are located on the local disk; on the top of that, welcome graphics is suppressed Apart from that, 602XML Filler will be displayed according to settings in the "config_sample.fo" sample configuration file (description see above).

1. Click Start – Run in Windows.
2. Specify to the Open row: a path to Filler602.exe and parameters.
3. "c:\Program Files\Software602\602XML\Filler\Filler602.exe" c:\forms\form.fo
c:\data\data.xml -s -cfg "c:\forms\config_sample.fo"
4. Click OK.

Example #2

Start 602XML Filler, when both the form and data file are located on the web server.

1. Click Start – Run in Windows.
2. Specify to the Open row: a path to Filler602.exe and parameters.
3. EXAMPLE: "c:\Program Files\Software602\602XML\Filler\Filler602.exe"
http://192.168.0.1/form.fo http://192.168.0.1/data.xml
4. Click OK.

Example #3

Start 602XML Filler in Print multiple forms mode with automatically specified directory path and mask selection for all files of *.fo and *.zfo type.

1. Click Start – Run in Windows.
2. Specify to the Open row: a path to Filler602.exe and a parameter. Example: c:\Program Files\Software602\602XML\Filler\Filler602.exe -printforms
"D:_working_forms\my_samples"
3. Click OK.