

PrintChangedPages 2.0

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Requirements

PrintChangedPages 2 requires Windows FrameMaker or FrameMaker+SGML version 6 or above. The Acrobat JavaScript component requires Acrobat Professional version 6 or above.

Introduction

PrintChangedPages 2 is a method for isolating changed pages in a FrameMaker document or book so that they can be printed or distributed. You can choose one or more of the following types of pages:

- Pages with change bars
- Point pages
- Pages containing a particular phrase
- Pages that have specified master pages applied
- Pages that contain markers of specified marker types

You can optionally include the reverse sides of these changed pages so you can correctly duplicate them for distribution. See [“Using PrintChangedPages” on page 2](#) for instructions on specifying which pages to mark.

PrintChangedPages actually consists of two components; the first is a FrameMaker plugin that “marks” the changed pages in your documents. You then create a PDF using your usual method. The second component is an Acrobat JavaScript script that deletes all but the changed pages from the PDF. This two-pass process is more reliable, and in most cases faster, than earlier versions of PrintChangedPages.

Installing PrintChangedPages

One component of PrintChangedPages 2 is the PrintChangedPages.dll, which is a FrameMaker plugin. To install it, follow these steps:

1. Find the Fminit\Plugins folder inside of your FrameMaker folder.
2. Create a folder called PrintChangedPages inside of Fminit\Plugins.
3. Copy the following files into the Fminit\Plugins\PrintChangedPages folder:
PrintChangedPages.dll, PrintChangedPages.hlp, and PrintChangedPages.cnt.

IMPORTANT: If you are using a previous version of PrintChangedPages, make sure you overwrite the existing files with the latest files.

4. Restart FrameMaker.

If the plugin is installed correctly, you will see two new commands under the Edit menu: **Mark Changed Pages** and **Remove Change Marks**. You will also see PrintChangedPages version information printed to the FrameMaker Console window.

The second component to install is the Acrobat JavaScript script. To install it, follow these steps:

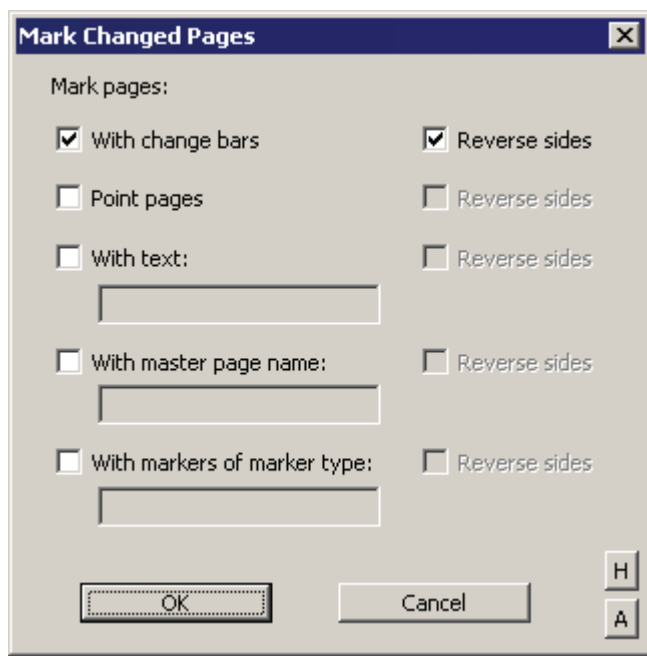
1. Find the following folder on your hard drive: C:\Documents and Settings*User Name*\Application Data\Adobe\Acrobat\7.0\JavaScripts. Substitute your own user name for *User Name* in the path. Also, substitute your version of Acrobat for 7.0 in the path above.
2. Copy RemoveUnchangedPages.js to the JavaScripts folder located in step 1.
3. Restart Acrobat Professional.

If the script is installed correctly, you will see two new commands at the bottom of the Document menu: **Remove Unchanged Pages** and **Delete Changed Annotations**.

Using PrintChangedPages

Mark changed pages

Choose **Edit > Mark Changed Pages** or press Esc M C. The Mark Changed Pages dialog box options are explained below.



Mark pages with change bars. Select this option to mark pages with change bars. Click the **Reverse sides** checkbox to also mark the reverse sides of change bar pages.

Mark point pages. Select this option to mark point pages. Point pages are those created when pagination is frozen in the document. Click the **Reverse sides** checkbox to also mark the reserve sides of point pages.

Mark pages with text. Select this option to mark pages that contain a particular phrase. Click the **Reverse sides** checkbox to also mark the reserve sides of these pages. For more information on this option, see [“Pages With Text” on page 4](#).

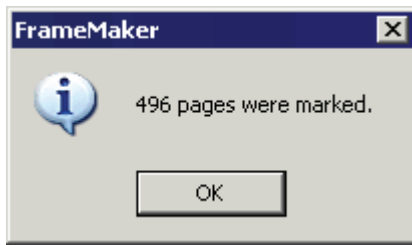
Print pages with master page name. Select this option to print only pages that have specified master pages applied. Click the **Reverse sides** checkbox to also print the reserve sides of these pages. For more information on this option, see [“Pages with Master Page Name” on page 4](#).

Print pages with markers of marker type. Select this option to print only pages that contain markers of specified marker types. Click the **Reverse sides** checkbox to also print the reserve sides of these pages. For more information on this option, see [“Pages with Markers of Marker Type” on page 5](#).

H. Click this to display PrintChangedPages online help in WinHelp format.

A. Click this to see an About dialog box displaying PrintChangedPages version information. Include the version number when reporting problems or requesting help.

After entering the appropriate criteria in the dialog box, click OK. PrintChangedPages will mark all of the pages that are changed and display the number of pages in a message box.



Create a PDF

After marking the changed pages, you can create a PDF file as you normally do. If you print a PostScript file and then distill it, make sure that you check Generate Acrobat Data in the Print dialog box. Also, make sure you select the Adobe PDF printer before printing the PostScript file.

Delete the unchanged pages

Open the PDF with Acrobat Professional. This will be the complete PDF with changed pages marked with “_changed_” annotations. If you want to keep the complete PDF intact, make a copy of it before deleting the unchanged pages.

Choose **Document > Remove Unchanged Pages** and the program will remove all pages except those with “_changed_” annotations. To delete the annotations, choose **Document > Delete Changed Annotations**.

Understanding Mark Changed Pages Options

Pages With Text

The Mark pages with text option allows you to mark pages that contain a particular phrase, for example “Revision A” or “2004 March 31”. Here is the criteria that PrintChangedPages uses to search for the phrase on each body page.

- It looks at each text frame on the page except the main text flow frames.
- Only the first paragraph in each text frame is searched.
- Text inside of variables and cross-references in the first paragraph is included in the search.
- The text of the first paragraph must *contain* the dialog box text (case-sensitive).
- Only text frames on body pages are searched; master page text frames are ignored.

If the text you are searching contains special characters, you must use the appropriate backslash sequences in the dialog box to match the special characters. For example, if your pages contain the text “2004 March 31” and the spaces are non-breaking spaces, you would enter “2004\ March\ 31” in the dialog box (“\ ” is the backslash sequence for the non-breaking space character). See “Appendix A: Typing in Dialog Boxes” in the *FrameMaker User Guide* for more information.

Pages with Master Page Name

This option allows you to print pages that have one or more specified custom master pages applied. The master page must *contain* the text that you enter in the dialog box. For

example, suppose your document has custom master pages called “LeftRevised” and “RightRevised”. If you enter “Revised” in the dialog box, any body page that has “LeftRevised” or “RightRevised” applied will be printed. If you enter “LeftRevised” in the dialog box, only “LeftRevised” pages will be printed. Master page names are case-sensitive, so if you enter “revised”, no pages will be printed.

You cannot mark default Left and Right pages with the Master Page Name option; only custom master page names are supported.

Pages with Markers of Marker Type

This option allows you to print pages that have markers of one or more marker types. The marker type name must *contain* the text that you enter in the dialog box. For example, suppose your document has custom marker types called “Comment_Jones” and “Comment_Smith”. If you enter “Comment” in the dialog box, pages containing either marker type will be printed. In addition, any page with FrameMaker’s built-in “Comment” marker type will be printed. Marker type names are case-sensitive, so if you enter “comment”, no pages will be printed.

How PrintChangedPages Works

When you select **Edit > Mark Changed Pages**, you specify the criteria used to mark particular pages in your document or book. Before checking for pages matching your criteria, the program deletes any existing change markers in the document or book. This means that the correct pages will always be marked every time you run the program.

When PrintChangedPages finds a page that matches your criteria, it inserts a small, 12 point-by-12 point text frame on the upper-left-hand corner of the page. It inserts a Hypertext marker in this text frame with the syntax “alert _changed_”. This marker will automatically become an Acrobat annotation when you convert the document to PDF. The annotation will be indicated in the PDF by a “note” icon in the upper-left-hand corner of the page, with the contents “_changed_”.

After you open the PDF file in Acrobat Professional, you choose **Document > Remove Unchanged Pages**. This will delete all the pages in the document, except those that contain the “_changed_” annotations. This will leave you with only changed pages in the PDF.

NOTE: If you normally produce a complete PDF along with the one with changed pages, make a copy of the complete PDF before removing the unchanged pages.

After you remove the unchanged pages, the “_changed_” annotations will remain on the changed pages in the PDF. If you want to delete them, choose **Document > Delete Changed Annotations**. Any other annotations in your PDF will not be deleted.

After you run the FrameMaker command **Edit > Marked Changed Pages**, the text frames and markers will remain in the FrameMaker documents. You can easily delete them by choosing **Edit > Remove Change Marks**.

Known Issues

Mark reverse sides option

The Mark reverse sides options only works correctly with double-sided documents.

The Mark reverse sides options only work with pages within the same file. For example, say you have a document in a book that ends on a right-hand page, and the page has a change bar. If the following document in the book starts on a left-hand page and it doesn't have a change bar, this page will not be marked, even if you choose the Mark reverse sides option.

For More Information

To purchase PrintChangedPages and other useful plugins and scripts by Carmen Publishing, see www.frameexpert.com or email rick@frameexpert.com.