

KISSfp FrontPage FTP Add-On

KISSfp is used to prepare a FrontPage-based Web site for uploading to a Host without Server Extensions, using an FTP tool. It saves space on your web host and reduces download time for your visitors.

KISSfp is an HTML post-processing tool: It reads your local Web, starting with a given Homepage, processes it and writes the output in the "Out-Web" directory. While processing, it does two separate things to reduce a FrontPage Web: A) Minimise the number of files & folders, and B) HTML Compression. Neither changes the appearance of pages.

Having processed your Web, **KISSfp** calls your favorite FTP tool for actual uploading. For example, **NetLoad** (<http://www.aerosoft.com.au/netload/>) is a very useful FTP tool, that automatically detects changed pages and synchronizes a local directory with a remote server.

A) Reduce Number of Files & Folders

If a web does not use [FrontPage Run-Time Components](#), none of the _vti_* folders are usually needed on the web host. Thus, **KISSfp** can copy all files which are actually linked from a given homepage to an output directory, including pages and images linked from linked pages, and so on, but none of the "superfluous" files. The number of files is significantly reduced, because only those actually needed for end-user viewing are copied. Depending on the number of files, 30% - 40% can be saved.

The output directory can then be uploaded by FTP to the web host. That web host does not need Server Extensions installed. Note that this also accelerates the uploading of your site by FTP, because fewer files need to be transferred.

B) HTML Compression

KISSfp can compress HTML. This is achieved by removing FrontPage's themes & bots comments, useful only for editing but not for final viewing. This means less download time for your visitors!

Contact

In the *Help menu*, you will find a *URL* directly taking you to the **KISSfp** site, where you will find *Support*, *Registration* options and helpful hints. The site also has instructions on how **you can earn money** by becoming a **KISSfp reseller!**

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What's New in KISSfp 2.1a?

The following features have been added and bugs fixed in KISSfp 2.1a:

- [2.0a] Bugfix: HTML comments inside CSS <style> are not removed anymore.
- [2.0a] Time-limited evaluation version

- "Check for latest Version" in Help menu (on-line)
- automatically copy [leave-site.gif & mail-to.gif icons](#) to /Images
- FP2000: [crawling](#) improved (all [<param ... valuetype="ref">](#))
- correctly handles SaveResults Bot (ERROR #30)
- testing and [documentation of image MAPs](#)
- fixed ".kissfp does not seem to be an HTML..."
- fixed "nedstat" bug introduced with 2.0b
- better startup logic to find LRU Web
- help text extended & updated
- EXE distribution uses Authenticode™ digital signature
- ZIP distribution now includes vendinfo.diz

...and many more bugfixes, detail improvements & updates!

What was New in KISSfp 2.0?

KISSfp 2.0 now comes as a real Windows application, with a [GUI including FrontPage Integration](#), this OnLine-Help, Installer (SETUP.EXE) as well as two new features, and many detail improvements and fixes.

- **New Features**

- [%URL%](#)
- [<!-- INSERT: {HTML} -->](#)

- **Improved Warnings**

- new warning if URL contains troublesome special characters.
- new warning if URL contains whitespace. (Automatically corrected.)
- new warning if empty URL encountered. (e.g. href="")
- new warning if link contains special characters like bracket or space!
- new usability hint, if mailto-link does not show e-mail address in visible part.
- new warning for possibly invalid e-mail mailto links, e.g. containing %20.

- **Improved Crawling**

- Image maps (AREA) are crawled as well.
- META/Refresh is crawled as well.
- absolute links (starting with /) crawled as well.
- directory links (ending in /) crawled as well, including
- <!--#include virtual= crawled as well.
- <form ... action=...CGI... crawled as well.
- <TABLE background=> is crawled as well
- bugfix for # in APPLET/PARAM, e.g. <param name="url" value="other.htm#orgs" ...>

- **Improved HTML Compression**, *increases another 5% on a site that uses themes!*

- HTML Compression improved by removing useless pairs.
- remove useless [FONT](#) e.g. <IMG...>
- replace by and by <I> (of course also /strong and /EM)
- remove stylesrc="_private/style.htm" attribute (FP spec) in <body> tag.
- no whitespace compression etc. inside any <tag> ("quoted" arguments!)

- **Icons feature improved**

- better ALT text for –icons
- doesn't insert leave-site icons after external link containing only IMG, e.g. Banners!

- **Various**

- conversion of chars >127 to character entities was dropped.
- replace ` by ' (if not already done)
- replace (TM) (C) (R) by numeric codes (™) instead of ™ etc.
- ASP and other HTML file-extensions correctly supported.

Main Window

Using **KISSfp** is straightforward:

- Select the Homepage by clicking on the corresponding button or typing a local file in the edit field. Select the Out-Web Directory by typing a local path (without file) in the corresponding edit field, or click the button to select any file in the output directory. (The selected filename is removed, only the path is used.)
- Then press the (long) button "KISS Web..." and sit back while **KISSfp** [processes your Web](#). After the Processing window disappears, the statistics are shown. If the menu "Extras/Show LOG" is selected, the [LOG File](#) pops up automatically. If not, you can click on "Show Log" to open it.
- If the menu "Extras/Start FTP" is selected, your favourite FTP tool (menu "Extras/Locate FTP tool") is launched automatically. If not, start it by clicking on the button "Start FTP..." if desired. Then upload to or synchronize the Out-Web Directory with your Web host by FTP, for example using **NetLoad** <http://www.aerosoft.com.au/netload>, a very useful FTP tool, that automatically detects changed pages and synchronizes a local directory with a remote server.

The settings are stored on a per-Homepage basis in a configuration file in the same directory as the selected homepage, with the same filename, but with the ending ".kissfp". Opening (double-click) .kissfp files will start **KISSfp**. (Note there is no need for an explicit Save operation for the configuration file.)

see also

- [FrontPage Integration](#)
- [CLI Version](#)

The CLI Console Version of KISSfp

In addition to the [Windows GUI Interface](#), a CLI version of **KISSfp** is available for advanced users. The following are all options and switches in the command-line version, kissfp.exe:

- icons** causes **KISSfp** to insert the [leave-site and mail-to icons](#). Corresponds to the respective setting in the Extras menu of the GUI version.
- overwrite** runs **KISSfp** in now unsupported [Overwrite Mode](#), for usage with Servers that DO have FrontPage Server Extensions. *BEWARE, THIS CAN DESTROY YOUR WEB IF NOT USED CORRECTLY.*
- touch** sets the current date/time to all written pages. Without this option and in the GUI, KISSfp resets the date/time of the output pages to the date/time of the respective input page.
- verbose** runs **KISSfp** in "verbose mode", that is it prints various messages while processing files; this is useful for debugging.

In KISSfp 1.x, the option -leavechars existed. Even though still accepted, the option no longer changes KISSfp's behaviour in v2.x, because -leavechars is always on.

USAGE

1. Call **KISSfp** with the DOS path (not URL) of the homepage of the respective web as the first argument, and the output directory for the compressed site as the second. *NB: Don't confuse FrontPage's Web directory and KISSfp's output directory: The second is only for uploading to your web host and not suited to editing.*
2. **KISSfp** copies only the really necessary files including graphics to the output directory. HTML documents get compressed. Existing files are overwritten only if they are older and the date/time of output files is reset to the input file, unless you specify "-touch" as the third argument. (If you remove or rename files in your web, use -touch or delete the entire output directory so that it is rebuilt.)
3. Upload the output directory via FTP to your web host.

LOG Messages



These are the Warning and Error messages that **KISSfp** might issue:

- ERROR #9: Could not read X referenced by Y. Broken Hyperlink?
- ERROR #6: URL X in file Y is very similar to the URL X' which occurred in Y', except that upper-/lowercase is different. Problems on UNIX webservers!
- ERROR #20: File X referenced by Y has different upper-/lowercase on disk.
- WARNING #1: URL X starts at root directory (/). This is discouraged. (Link ignored)
- ERROR #3: URL X in file Y contains a backslash '\' character. (Link ignored)
- ERROR #4: URL X in file Y leads out of the root directory
- ERROR #5: URL X in file Y contains dots ('.') after '\' the relative part. (Link ignored)
- WARNING #10: X uses Unknown Scripting. Cannot copied referenced files.
- WARNING #13: X includes Java Applet Y - cannot know which classes to also copy.
- ERROR #17: File X is already post-processed by KISSfp! Maybe forgot to Re-Publish.
- WARNING #21: URL X in file Y links local file! (Link ignored)
- ERROR #22: URL X in file Y contains special character! (Link ignored)
- HINT #23: In X the mailto-link Y should show X instead.
- WARNING #24: An URL in file X contains WHITESPACE! This was corrected.
- WARNING #26: Document X contains an EMPTY URL.
- WARNING #27: In X, Y (A HREF mailto:) doesn't seem to be a valid e-mail address.

... and a lot more, of little interest here. (system errors)

Insert mail-to & leave-site Icons

KISSfp ([Registered Version](#) only) can insert tiny icons after e-mail links and links leaving your site, if this option is enabled in the Extras menu ([GUI](#)) or the `-icons` switch ([CLI](#)) is given.

The [GUI version](#) automatically copies the two icons named *mail-to.gif*  & *leave-site.gif*  from the **KISSfp** installation directory (e.g. C:\Program Files\KISSfp) to the top-level */images* directory of your Web. If you use the [CLI version](#) or there is a problem, please copy these two icons to the */images* directory yourself, the first time only.

No space is inserted before the IMG, and the link closure `` is placed after the image. This makes the icons clickable and does not generate an ugly underlined blank. The image should have a small left margin though, e.g. 5 pixels.

Replace %URL%

KISSfp replaces every occurrence of %URL% with the URL of the current page. It is generally recommended to show a page's original URL location on **every page** of your site. This makes it easier to find your site if the page is printed or e-mailed to somebody.

To do so, place a string like

```
http://www.myhost.org/%URL%
```

in the shared bottom border of your site.

NOTE: *FrontPage's Insert Location Bot cannot be used for this purpose because it inserts the local file path for file-based webs.*

<!-- INSERT: {HTML} -->

This special comment is replaced by the content of {HTML}, removing the comment. This feature is useful because FrontPage and other HTML editors remove or modify certain special tags and constructions, which can be preserved with this feature.

For example, if you use an external counter, like `` then FrontPage will remove/reset this if it cannot find the host, because you are perhaps using a modem dial-in connection and are not always on-line.

Using `<!-- INSERT: -->` will cause FrontPage to ignore the tag, and **KISSfp** will remove the comment, making your counter work correctly.

Other examples of where this feature proves to be useful:

- placing ALT text in client-side image maps, because FrontPage (98) strips out ALT attributes in client-side image maps.
- insertion of a real `<HR>` or `` tag and preventing its transformation into an IMG for pages that use a FrontPage Themes.
- banner exchange HTML insertion, the code must be inserted exactly as given

NOTE: *{HTML} is not allowed to contain a closing comment --> as this is interpreted as the end of the initial comment sign.*

This functionality is similar to FrontPage's InsertHTML Bot, but has a simpler syntax and useful to edit HTML in Notepad.

NOKISS Tag

If you want to disable **KISSfp** and automatic icons for some parts of an HTML document, embed the respective parts between `<!-- NOKISS -->` and `<!-- /NOKISS -->` in the HTML source.

When **KISSfp** encounters the NOKISS tag, no icons are automatically inserted, all **KISSfp** features are disabled, meaning no FrontPage bots are removed, and no whitespace compression takes place on the selection.

Inside FrontPage Editor, two new menu commands are added to the *Insert* menu which insert these special comment tags.

NOTE: *Inside <!-- NOKISS --> ... <!-- /NOKISS --> any links (A/IMG etc) are NOT crawled!*

FONT Fix Feature

Extends FONTS to include alternative Fonts for viewing your site on non-Windows platforms so that they degrade gracefully in such situations, according to the following substitution mapping:

Arial	Arial, Helvetica
Arial Black	Arial Black, Arial, Helvetica
Arial Rounded MT Bold	Arial Rounded MT Bold, Arial, Helvetica
Book Antiqua	Book Antiqua, Times New Roman, Times
Bookman Old Style	Bookman Old Style, Times New Roman, Times
Brush Script MT	Brush Script MT, Arial, Helvetica
Century Gothic	Century Gothic, Arial, Helvetica
Century Schoolbook	Century Schoolbook, Times New Roman, Times
Comic Sans MS	Comic Sans MS, Arial, Helvetica
Garamond	Garamond, Times New Roman, Times
Haettenschweiler	Haettenschweiler, Arial, Helvetica
Impact	Impact, Arial, Helvetica
Times New Roman	Times New Roman, Times
Trebuchet MS	Trebuchet MS, Arial, Helvetica
Verdana	Verdana, Arial, Helvetica

FrontPage itself does this correctly for (original) **themes only**, but setting a font directly in FrontPage Editor (Format Character) or **importing** a document leaves Arial as Arial only, and does not provide correct alternative fonts!

Additionally, miscapitalized common FONTS are fixed, as this can cause problems on some older browsers according to the Cut-N-Paste JavaScript newsletter: "We later found out that the names of fonts in tags must be capitalized like 'Arial' not 'arial'."

FrontPage Run-Time Components

*This page helps you to understand the difference between the **two categories of FrontPage Components**. Webs processed by **KISSfp** cannot use Run-Time Components, as they rely on Server Extensions. (Advanced users can still use KISSfp for HTML Compression only, in [-overwrite mode of the CLI version.](#))*

There are two different categories of FrontPage Components, called WebBots in earlier versions of FrontPage: **A) Authoring-time** and **B) Run-time components**, the latter also called browse-time components in some of Microsoft's documentation.

A) Authoring-time components (Hover Button, PageBanner, NavBar, TOC, TimeStamp, Substitution, Marquee, Movies, "PurpleText" Comment, Banner Ad Manager, Include HTML) are called by FrontPage Editor when the page containing the component is being saved. They insert static HTML code in your page, which will be displayed as-is in the browser.

If your web uses only authoring-time components, there is no need for FrontPage Server Extensions to be installed. Upload by FTP is no problem in this case. Server space is saved by i) compressed HTML files, ii) absence of now useless _vti_ folders and iii) non-installed Server Extensions.

B) Run-time components (Hit Counter, Search Form, Run-Time Include Page 'Server', Scheduled Image and -Include, FP specific Forms: Discussion, Registration, Guestbook, Save Results Confirmation; Database & ASP) expand dynamically when the page containing the component is fetched by a browser and rely on the FrontPage Server Extensions.

If your web contains run-time components, you cannot upload it by FTP to any web host, but must publish it through FrontPage Explorer to a server with FrontPage Server Extensions installed.

KISSfp will analyse which category of FrontPage components your web uses and tell you if it can be uploaded by FTP to a server which does not have the FrontPage Server Extensions installed.

Note that using FrontPage Themes is 100% compatible with **KISSfp**, including active graphics which use JavaScript. All the following FrontPage features should be compatible with **KISSfp** anyway: Common Borders, Document Templates, Cascading Style Sheets, CDF, Background Images & Sounds, etc.

see also

- [Convert Server-based to File-based FrontPage Web](#)
- [Overwrite Mode](#)
- [Java & Scripts](#)

Crawling Details

KISSfp starts to process your site from the given Homepage, then looks at all pages that are linked from it, then pages and images linked from linked pages, and so on.

Because **KISSfp** crawls through a site this way, you have to manually copy unreferrred files (such as small index.html to "cover the directory") if they are needed. You may even need to run a separate copy of **KISSfp** for an entire "hidden" tree of files which cannot be reached from the given homepage. A future version of **KISSfp** might include a specific ORPHAN warning for such cases.

When crawling directory links (ending in /) **KISSfp** tries to find the page by checking for *index*, *default* & *welcome* with extensions *htm?*, *shtm?*, *htx* or *asp*.

Any URL containing ':' (http:// ftp:// mailto: news:) is considered to be absolute & external, and is therefore not followed. NB: That implies that file:// is not followed either, and a warning is issued.

NOTE

Even though **KISSfp** does crawl and copy pages and images linked by e.g. Java applets and image maps, you should **always provide "textual links"** ([A/HREF](#)) to these pages as well, because:

- many of your site's visitors could have disabled Java for Speed/Security reasons
- many use still use older Browser, WebTVs, or text-only browsers such as Lynx
- all Search Engines such as AltaVista will NOT be able to browse your site, for the same reason **KISSfp** could have problems crawling some parts of it.

If you are interested to learn more about this issue called *Accessibility*, see <http://www.w3c.org/WAI> or <http://www.webable.com>

see also

- [Image Maps](#)
- [Java & Scripts](#)
- [FrontPage Components](#)

Register KISSfp

If you find **KISSfp** useful, please register it. Your registration will motivate me to work on more cool webtools. The unregistered version is fully functional, but disables the "[Insert Icons](#)" feature and inserts visible **KISSfp** advertisement in the HTML files it processes. Please note that [you are not allowed](#) to modify or remove the advertisements.

In the *Help menu*, you will find a *URL* directly taking you to the **KISSfp** site, where you will find *Registration* options. The site also has instructions on how **you can earn money** earn money by becoming a **KISSfp reseller!**

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If you find KISSfp useful, please register it according to the instructions provided on the KISSfp website, available through the application's Help menu.

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You can contact support for questions and comments on the KISSfp website, available through the application's Help menu.

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--- End of KISSfp 2.x License of April 5, 1999 (Proof-read & spell-check only) ---

--- End of KISSfp 2.0 License of January 12, 1999 (first version) ---

Using Java Applets & Script with KISSfp

*The information given on this page is only of interest to those who want to understand how **KISSfp** chooses which files to copy, e.g. when you use your own components not supplied with FrontPage.*

Java Applets, Scripts (JavaScript) and ActiveX Controls cause two problems for **KISSfp** when copying files to the output directory:

- Which additional files (e.g. images) have to be copied?
- Which referenced classes have to be copied?

The first question can be answered for all Java applets supplied with FrontPage, because FP inserts a (non HTML compliant) `valuetype="ref"` attribute in every `<param>` which represents a needed file, e.g. an image which will be loaded.

A similar 'trick' holds for the JavaScript used in the "Active Graphics" feature, which loads different versions of graphical buttons in some themes: **KISSfp** loads all images referenced in MSFPpreload function calls. (Note that Active Graphics are similar to the Hover-Button Component, but implemented in JavaScript instead Java.)

An example for the second question: *fphover.class* needs *fphoverx.class*. The current version of **KISSfp** has a built-in table of the dependencies of the Java classes supplied with FrontPage and correctly copies classes. (A future version of **KISSfp** could parse the Java class files to recognise all dependencies automatically. Let me know if that would be useful for you.)

If you use Java applets or Scripts not supplied with FrontPage in your site, make sure you manually copy all files and classes needed to the corresponding **KISSfp** output directory. For Java applets, you can comply with the `valuetype="ref"` convention to tell **KISSfp** which files to copy.

Overwrite mode

Advanced users can use **KISSfp** (CLI Version only) to locally postprocess a Web using *Run-Time Components* just for HTML Compression, neat Icon and interest in the warnings; but still published through FrontPage and not by FTP.

BEWARE: THIS PROCEDURE CAN DESTROY YOUR WEB IF NOT USED CORRECTLY.

USAGE

1. You have to create a server-based local copy of your web by publishing it through FrontPage Explorer to another location. Disable option 'Copy Only Changes'. Do NOT xcopy (DOS) or copy through Windows Explorer!
2. Call `kissfp.exe` (CLI) with "-overwrite" as the first argument and the DOS path (not URL) of the copied homepage as the second.
3. **KISSfp** compresses and overwrites the HTML documents in the copied web. No files need to be copied. A log-file is generated and one statistic is shown at the end.
4. Publish the copied and now compressed web through FrontPage Explorer, as usual.

BEWARE: You have to copy the web and keep further work with the original. The copied web is not well-suited for later re-editing because Bot Comments are removed.)

FrontPage Integration

KISSfp installs itself into FrontPage 98 Explorer's first menu, File. Right above "FrontPage Web Publish..." there now is "FrontPage Web KISSfp for FTP..." which starts **KISSfp**.

In FrontPage 2000, **KISSfp** appears in the special Third-Party Add-On's menu.

When **KISSfp** starts up (with no argument) while FrontPage is running, it asks **FrontPage Explorer** about the currently open Web and opens the Homepage. This only works if the [Web is file-based](#). (Uses OLE Automation)

Inside **FrontPage Editor**, two new menu commands are added to the *Insert* menu which insert the special [NOKISS comment tags](#).

Convert Server-based to File-based FrontPage Web

KISSfp strongly recommends to work file-based if your Web does not use Run-time Components. This considerably speeds up things.

Here's how to convert a Server-based FrontPage Web to a File-based Web:

- A) When creating a **new web** in FrontPage Explorer, click *Change* and just type a file path such as C:\myweb instead of a server such as http://localhost/ as suggested.
- B) If you already have a server-based web, **convert** it to a file-based one:
 1. Create a New Empty Web. Close it again.
 2. Copy the entire old http:// local folder with Explorer, not FrontPage, to the new one.
 3. Open the new one again in FP. If told that it is not FP web, confirm conversion.

Alternatively, you can simply copy the ENTIRE folder from the local http location into a new location and open it with the "More webs" button. Type the path without specifying the file:// prefix. This does not add the web to the Open List.

NOTE: It is not possible to open the local http folder directly by specifying it's path in this dialog box. The message "The folder ... is part of a server-based web" will appear.

WARNING: DO NOT USE FrontPage's Import File or Web command, because this does not properly copy _vti_pvt (hidden folder) where the Navigation, Design and Task Information is stored! And: do not try to "Publish" to file://

As long your Web is accessible on the filesystem, including network drives, and not (only) on an HTTP server, **KISSfp can process it. So it is *not* absolutely necessary to convert your FrontPage Web into a file-based one to use **KISSfp** but, for convenience, it's recommended.**

However, if your Web does rely on Run-time Components, it makes no sense to use **KISSfp** as such a Web depends on the Server Extension. (Note that "Server-/File-based Webs" and "Webs using Run-Time components" are related, but not identical, issues.)

Image Maps

KISSfp can be used for Webs with image maps. (You should be aware and understand the difference between *client-side* and *server-side image maps*. Consult HTML literature for more information on this topic.)

It is **strongly recommended** for various reasons to **always use client-side image maps**. FrontPage will generate correct <MAP> & <AREA> etc. tags automatically if the "client-side" check box is turned on in:

FrontPage (Explorer) : Extras / Web Settings / Extended Options

The easiest option is to use only client-side image maps, and no server-side. FrontPage will not generate tags for server-side image maps if "type" is set to "none" in the above dialog. Note that you should **always provide alternative textual links** somewhere for any page linked by an image map, anyway. (See the [Note in Crawling Details.](#))

However, if for some reason you want to enable *NCSA*, *CERN* or *Netscape* server-side image maps additionally to the client-side tags, it is possible as well. The correct CGI must be uploaded and set up manually though. In this case, the *ERROR #9: Could not read e.g. "cgi-bin/imagemap/kissbots/_derived/image map.html.map can be ignored!*

Note that *FrontPage* server-side image maps require the Server Extensions to be installed. For this reason, **KISSfp** will display the *ERROR #30: Document "image map.html" uses FrontPage RunTime Component! and not process the Web!*

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