

FileLink

FileLink is a tool developed to add a link to a file in the filesystem. The file links must be enabled in the settings of the wiki. In addition, settings in the browser and possibly in the workstations are needed to use FileLinks.

🚹 INFO

The real potential is that you can use this mechanism to connect to any system reachable via URL, e.g.

- intranet articles
- Lotus Notes addresses
- Sharepoint documents

Where do I find FileLink File Link?

The button "File Link" you will find in both editors (WYSIWYG and wikicode).

Please select "link to file":

Insert link				
Wiki page	External link	Email-link	Link to file	Link into another wiki
F Descripti	ile: on:			Search
				Ok Cancel
Screenshot:Dialo	gue for inserting file	e links		

Insert link

- Position the cursor where you want the file link to appear
- Open the InsertLink tool
- Enter the link target as link path (browse for the file) and an additiional description if you want



- Click on ok
- In the code you will see the file link as the following: [[link path|description]]

Syntax

Filelinks will be activted with the help of the "file://"-protocol. A link to a file f:\temp\Test.doc looks like this:

file:///f:/temp/Test.doc

Filelinks have to be actived in the wiki to be recognised.

Filelinks are often disabled in browsers because they represent a potential security gap (other executable programs could be linked, too).

Particularities of browsers

Firefox

*Links can easily be opened if the Extension LocalFile is installed:*https://addons.mozilla.org/de /firefox/addon/locallink/

Note: Filelinks do work if Firefox is started from the programms folder or the Desktop, because all personal configurations are loaded and started. If you are starting Firefox for example out of an E-Mail-Tool (e.b. Lotus Notes) the Filelinks won't work, as your personal configuration is not loaded. There seems to be no remedy, maybe the popupblocker is a bproblem here.

The names need to be in one line, divided by whatespaces if there are more poilicies defined:

user_pref("capability.policy.policynames", "localfilelinks OTHERPOLICY");

more Info

Google Chrome

Links can be opened easily when the Extension LocalFile is installed: https://chrome.google.com/webstore/detail/locallinks/jllpkdkcdjndhggodimiphkghogcpida/'

Internet Explorer

• Testing if the Filelink is valid:



Copy the Link to the file via your context menu and insert it in the address bar of oyur browser. If the file opens the Filelink is ok.

- Add the address to your wiki (e.g. https://wiki.hallowiki.biz) to your list of trusted sites.
- If you are working with UNC pathes the links have a higher propapility of working (file://127.0.0.1/TEMP /debug.txt). The corresponding folders need to be accessible, the access happens by using the share name. Warning: Whitespaces need to be replaced with %20.

Older versions of the IE open Filelinks more easy. Since IE6 (SP2) those links won't open, adding the pages to the list of trusted sites won't help either. Solution: Change the following entry in the Windows Registry from 3 (default) to 0:

HKCU\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Lockdown_Zones\0\2101. Relog afterwards.

• If there are two slashes given with the protocol, Links with whitepsaces (%20) are encoded wrong, IE changes it to %2520. So remember to always work with file:///.

Java Einstellungen

To load the "Insert file" dialog Java is needed.

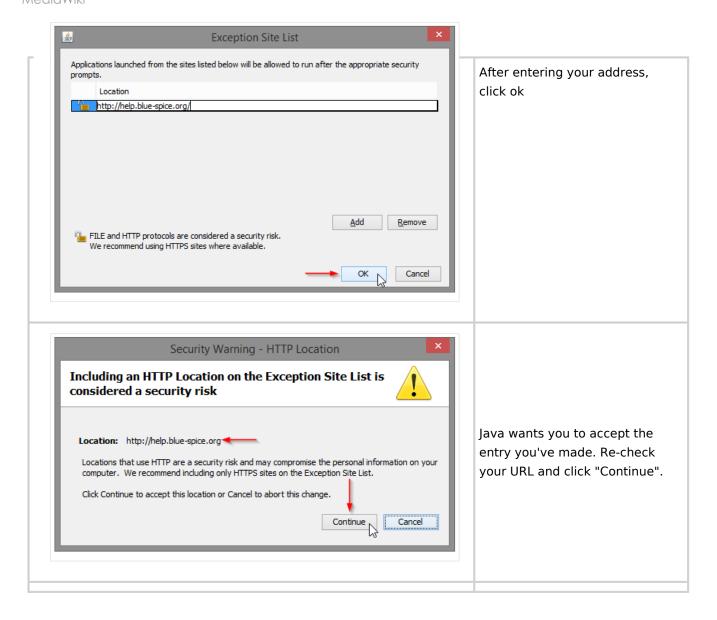
e Ausführung der Anwendung wurde durch va-Sicherheitseinstellungen blockiert					If a window is showing up
Aus Sicherheitsgründen müssen die Anwendungen die Anforderungen der Sicherheitsstufen "Hoch" oder "Sehr hoch" erfüllen, oder sie müssen Teil der Ausnahmeliste sein, um ausgeführt werden zu können. Weitere Informationen. Ursache: Ihre Sicherheitseinstellungen haben die Ausführung einer selbstsignierten Anwendung blockiert OK					saying, that the applet was blocked due to security reas please proceed as following. you have Java Version 1.7.0 or bigger you can add your w to the Exception Site List.
●	II Control Panel Items	All Control Panel Items	 ✓ Ø Starch Control P View by: Large iC 		
	I Control Panel Rems	All Control Panel Items		Panel Q	
Adjust your computer's settings			View by: Large ic	Panel Q	
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FileLink



General Java Security Advanced	
☑ Enable Java content in the browser	
Security Level	
High (minimum recommended)	
	Click the "Security" Tab and
	"Edit Site List"
- Medium Java applications identified by a certificate from a trusted authority will be allowed to run.	
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Exception Site List	
Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.	
Click Edit Site List	
Edit Site List	
Restore Security Prompts Manage Certificates	
OK Cancel Apply	
OK Cancel Apply	
OK Cancel Apply	
Exception Site List	
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Exception Site List Applications launched from the sites listed below will be allowed to run after the appropriate security prompts. Click Add to add an item to this list. Click End HTTP protocols are considered a security risk.	"Add" to add your website to







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✓ Edit Site List						
Restore Security Prompts Manage Certificates						
			Restore Security Prompts Manage Certificate			
OK Cancel Apply		ply	OK Cancel			

If you have Java Version 1.7.0_40 or 1.7.0_45 you need to import the certificate the applet uses.

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	I Control Panel Items		~ ¢	Search Control Panel	Q	
Adjust your computer's settings				View by: Large icons 🔻		
🚧 Action Center	Add features to Windows 8.1	🏀 Administrative Tools	AutoPlay		Â	
RitLocker Drive Encryption	🛐 Colour Management	Credential Manager	Date and Time			
Default Programs	Device Manager	Devices and Printers	Jisplay			
Ease of Access Center	E-Mail (32-bit)	File History	Flash Player (32-bit)			Open your system settings an
Folder Options	Fonts	🝓 HomeGroup	Indexing Options			click on "Java"
Intel(R) HD Graphics	Intel® Rapid Storage Technology	Regional Internet Options	Java 🔶			,
Keyboard	🚰 Language	Location Settings	🏈 Mouse			
Network and Sharing Center	Notification Area Icons	Personalisation	Phone and Modem			
Power Options	Programs and Features	🐼 Realtek HD Audio Manager	Recovery			
Region	RemoteApp and Desktop Connections	Sound	Speech Recognition			
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General Java Security Advanced	
☑ Enable Java content in the browser	
Security Level	
- High (minimum recommended)	Open your system settings and click on "Java"
- Medium Unsigned and self-signed Java applications will not be allowed to run on older versions of Java.	
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Trusted Cartificates	In the upcoming window, choose "Signer CA" as Certificate type.
User System Trusted Certificates Secure Site Issued To Signer CA Secure Site CA	In the upcoming window, choose "Signer CA" as Certificate type. Afterwards click "Import"





<u></u>	Öffnen ×	
Suchen in Zuletzt verwendet Desktop	src V Dr ChooserApplet.java	Choose the pastelmage.crt file. you can't see the file, choose "All Files" from the "Files of type" dropdown
Dokumente Dieser PC	Dateiname: insertLink.crt Öffnen Dateityp: Alle Dateien ✓ Abbrechen	
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	edienwerkstatt GmbH HalloWelt! - Medienwerkstatt GmbH	Verify, that you have imported the right certificate. You can see
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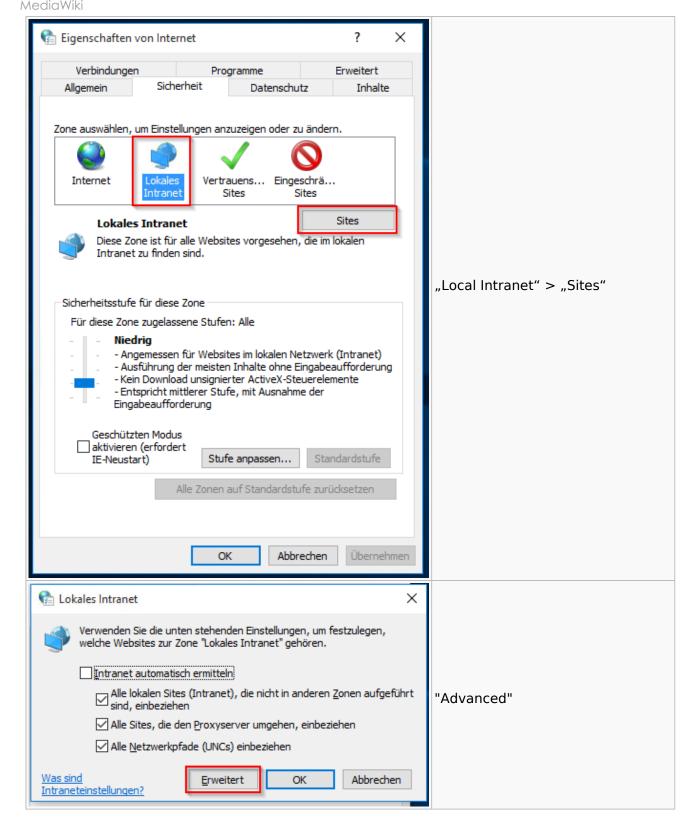
Note: After those steps it is important to restart your browser completely!

BlueSpice

PC Einstellungen

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Blue Spice MediaWiki

Image: Coloradia State	Add your Website "close"-> "OK"
Figenschaften von Internet ? X Verbindungen Programme Erweitert Allgemein Sicherheit Datenschutz Inhalte Zone auswählen, um Einstellungen anzuzeigen oder zu ändern. Internet Lokales Eingeschrä Internet Lokales Vertrauens Eingeschrä Sites Vertrauenswürdige Sites Sites Vor Diese Zone enthält Websites, denen Sie vertrauen, Ihren Computer oder Ihre Dateien nicht zu beschädigen. Sicherheitsstufe für diese Zone Für diese Zone zugelassene Stufen: Alle - - Eingabeaufforderung vor dem Download evtl. unsicherer - - - Inhalte - - - - - Geschützten Modus - - Standardstufe - - Alle Zonen au	"Trusted Sites" -> "Sites"

BlueSpice

	1
🕼 Vertrauenswürdige Sites 🛛 🗙 🗙	
Sie können dieser Zone Websites hinzufügen und Websites aus der Zone entfernen. Alle Websites in dieser Zone verwenden die Sicherheitseinstellungen der Zone. Diese Website zur Zone hinzufügen: http://wikibalta/ Websites: Entfernen	Add your Website and remove the hook in the checkbox "close" (OK)

Attention!!

In general it is prohibited for all browsers to open files from a system.

The expose data from the file system to a website's code. - A typical error message could be something like: "/ fakepath / file C".

In In order to read out file paths (and put a link into the article) it needs a Java Applet, which is allowed to read out and return the path to the website.

In the future, browsers will no longer support these applets (Chrome already doesn't). => Unfortunately this is a development that we can not influence.

But that does not mean that "InsertLink" no longer works, or that links to files aren't possible. They probably need to be entered manually or be set by copy and paste of the corresponding path.

Regarding the opening of file protocol links: Only Internet Explorer supports opening a directory in the Windows Explorer (file system browser), because Microsoft grants the own browser a better support. All other browsers have to display these in their own window.

Furthermore, it's not allowed to open files and directories by default. Outside the intranet, this would expose a major security issue. (For example: a .exe which installs malware in the background) Therefore it's necessary to activate this function for a particular URL (in this case the wiki's address) in every browser.

For an helpful article about this topic, please visit:

Browser particularities

Because of the further development of the various browsers, it's possible, that plugins doesn't work anymore or need to be updated. Also it might be necessary to change the browser settings.



For example, here is a plugin for Mozialla Firefox: http://addons.mozilla.org/en-US/firefox/addon /locallink/

Ressourcen

- http://kb.mozillazine.org/Firefox_:_Issues_:_Links_to_Local_Pages_Don't_Work
- http://www.pcreview.co.uk/forums/thread-724888.php
- http://windowsxp.mvps.org/ie/elevlocalfile.htm
- http://windowsitpro.com/article/articleid/84107/jsi-tip-9601-an-internet-explorer-hyperlink-will-not-opena-local-file-on-windows-xp-with-sp2.html
- http://en.wikipedia.org/wiki/File_URI_scheme
- http://www.ontopia.net/omnigator/models/topic_complete.jsp?tm=support-kb.ltm&id=local-file-links
- http://www.cs.tut.fi/~jkorpela/fileurl.html
- Keywords: local file, file link, filelink, dateilink, link auf datei, file URI, file protocol