Subject: Possible bug with symlinks on linux ?
Posted by mdelfede on Wed, 11 Jan 2012 13:07:54 GMT
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TheIde opens correctly symlinks on Linux; when saving them it overwrites the symlink with the saved file instead of working on the linked one.

So, if I have this scenario :

somedir/aFile.cxx

and in another folder

anotherdir/aFile.cxx where aFile.cxx is a symlink to former one

upon saving, the 'anoherdir/aFile.cxx' link is replaced with a standard file 'aFile.cxx'. I guess it should instead update the original (linked) file.....

The correct solution would be to truncate the file to 0 length bytes and then overwrite it, instead of (what I think happens...) deleting it and then recreating.

Max

Subject: Re: Possible bug with symlinks on linux ?
Posted by mirek on Thu, 19 Jan 2012 07:46:33 GMT
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mdelfede wrote on Wed, 11 January 2012 08:07TheIde opens correctly symlinks on Linux; when saving them it overwrites the symlink with the saved file instead of working on the linked one.

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Max

The problem is that if there is a crash (e.g. power shutdown), file gets lost.

theide now saves files in this way: First, it saves the file, adding ".$tmp" to the filename. Then, only if save is successful, deleted the file and renames saved file.

I guess that what we really need is to create symlink for ".$tmp"....

Mirek

Subject: Re: Possible bug with symlinks on linux ?
Posted by mdelfede on Thu, 19 Jan 2012 16:31:08 GMT
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mirek wrote on Thu, 19 January 2012 08:46
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Mirek

True.... we should operate directly on linked file instead, but I've (yet) no idea on how to get it.
As the link is symbolic, is just an alias, so doing your mechanics on linked file would do the job without problems, the link will still point to the right file once renamed.

Max

Subject: Re: Possible bug with symlinks on linux ?
Posted by mdelfede on Thu, 19 Jan 2012 17:19:22 GMT
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The unix 'readlink' function should do the job.
Use 'man 2 readlink' to see the usage.

Max

Subject: Re: Possible bug with symlinks on linux ?
Posted by mirek on Sun, 16 Feb 2014 13:51:11 GMT
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TheIDE is now saving symlinked files (and also files not owned by user) by overwriting the original, which fixes the problem.

(Sorry that it took 2 years

Mirek