Subject: DragAndDrop FILES does not work under LINUX Posted by Didier on Tue, 27 Dec 2011 18:34:47 GMT

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I am using the drag and drop of files in order drop the files to open with my app.

This works very well on WIN32, but under LINUX it does not work

I haver never seen this feature work under linux, is it normal or is it a bug?

I've been triing to see what's happening and I found the following things:

The ctrl DragAndDrop() gets called all the time, even while moving the selected file The pasteClip is always empty ??

I work under linux FEDORA 12 (I know it's quite old now) with KDE

Doe's anybody have this working under linux?

Note: The dropfiles example app is the test case

Subject: Re: DragAndDrop FILES does not work under LINUX Posted by mirek on Tue, 27 Dec 2011 18:42:10 GMT View Forum Message <> Reply to Message

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Note: The dropfiles example app is the test case

It is implemented, the clipboard type is "text/uri-list"...

I have just tested in Gnome, it seems to work fine.

It is not unlikely that KDE has different protocol (or different clipboard type) for this...

Mirek

Subject: Re: DragAndDrop FILES does not work under LINUX Posted by Didier on Tue, 27 Dec 2011 20:49:10 GMT

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I tested with gnome and it also works fine,

Seems to be a KDE specific problem

But looking at the logs in DEBUG mode

In GNOME:

PasteClip =

Target action 1

Sending status/finished to 23115959 accepted: true

DropStatus Client Message XdndPosition

Client Message 83890900 XdndPosition, src: 23115959

XdndPosition [757, 350], action XdndActionCopy

Source action 1

PasteClip =

Target action 1

Sending status/finished to 23115959 accepted: true

DropStatus Client Message XdndPosition

Client Message 83890900 XdndPosition, src: 23115959

XdndPosition [759, 352], action XdndActionCopy

Source action 1

PasteClip =

Target action 1

Sending status/finished to 23115959 accepted: true

DropStatus Client Message XdndPosition

Client Message 83890900 XdndPosition, src: 23115959

XdndPosition [760, 353], action XdndActionCopy

Source action 1

PasteClip = Target action 1 Sending status/finished to 23115959 accepted: true #### PasteClip = DropStatus Client Message XdndDrop Client Message 83890900 XdndDrop, src: 23115959 XdndDrop to 10VMLineEdit: 0xbf82c308(parent 16WithTabDocLayoutIN3Upp10ParentCtrlEE) Source action 1 #### PasteClip = Target action 1 Sending status/finished to 23115959 accepted: true DropStatus Client Message WM_PROTOCOLS DropStatus Client Message WM PROTOCOLS DropStatus Client Message WM PROTOCOLS

In KDE

DropStatus Client Message XdndPosition Client Message 85985289 XdndPosition, src: 81788964 XdndPosition [1023, 365], action XdndActionMove Source action 2 #### PasteClip = Target action 2 Sending status/finished to 81788964 accepted: true #### PasteClip = #### PasteClip = **DropStatus Client Message XdndPosition** Client Message 85985289 XdndPosition, src: 81788964 XdndPosition [1023, 365], action XdndActionMove Source action 2 #### PasteClip = Target action 2 Sending status/finished to 81788964 accepted: true #### PasteClip = #### PasteClip = #### PasteClip = #### PasteClip = **DropStatus Client Message XdndPosition** Client Message 85985289 XdndPosition, src: 81788964 XdndPosition [1023, 365], action XdndActionMove Source action 2 #### PasteClip =

Target action 2

Sending status/finished to 81788964 accepted: true

PasteClip =

PasteClip =

PasteClip =

DropStatus Client Message XdndDrop

Client Message 85985289 XdndDrop, src: 81788964

XdndDrop to 10VMLineEdit: 0xbfb1fde8(parent 16WithTabDocLayoutIN3Upp10ParentCtrlEE)

Source action 2 #### PasteClip = Target action 2

Sending status/finished to 81788964 accepted: true

DropStatus Client Message WM_PROTOCOLS

DropStatus Client Message WM_PROTOCOLS

DropStatus Client Message WM_PROTOCOLS

The target action differs: 1 in GNOME and 2 in KDE You are certainly right saying it's a protocol problem.

Where is all this protocol parsing done, i can try and take a look at what can be done?

Subject: Re: DragAndDrop FILES does not work under LINUX Posted by mirek on Wed, 28 Dec 2011 08:21:51 GMT

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For now, I would not be that much concerned about action, clearly KDE suggests default action different than Gnome.

1 means copy

2 means move

What I would test first is which formats are available on clipboard. Unfortunately, there is no direct logging of this in U++; however the scan of available formats in in method

bool Ctrl::Xclipboard::IsAvailable(int fmt, const char *type)

so perhaps putting DDUMP(XAtomName... into the loop there would reveal the information.

Mirek

Subject: Re: DragAndDrop FILES does not work under LINUX Posted by Didier on Wed, 28 Dec 2011 13:17:21 GMT

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OK.

Thank's. I will try this and see what comes up

Subject: Re: DragAndDrop FILES does not work under LINUX Posted by Didier on Thu, 29 Dec 2011 10:42:28 GMT

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I did some testing and the problem does not come from KDE. It comes from the file browser used:

First, depending on the file browser used, you have to push on [ctrl] to get a 'XdndActionCopy' command (action 1)

But even with the correct command, some browsers still don't work. Here is the status for 3 current linux browsers:

dolphin: does NOT WORK (defautl with KDE)

konqueror : does NOT WORK

nautilus: OK (default with GNOME)

After more investigation, it seems that the CLIP is EMPTY with dolphin and konqueror although all the rest is identical to nautilus case.

So I gess this is a Konqueror/dolphin bug.