

Re: [opensuse] kde and the kate editor

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2008-01/msg00977.html>

- *From:* "David C. Rankin" <drankinatty@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 11 Jan 2008 01:42:59 -0600
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Jonas Helgi Palsson wrote:

Hi

On Tuesday 08 January 2008 19:45:05 Wendell Nichols wrote:

Kate drives me nuts. Its a good editor but every time you right click to edit a file in konqueror using kate it starts a new window. If I use a command window and specify --use it will "reuse" an existing window if one is started for the session I specify. However because kdeinit starts it I cannot pass a parm through konqueror.

So I get 30 kate windows on my desktop when all I want is one. Ideally I'd like kate to open the file I've chosen in the instance of kate which is already open ON THAT DESKTOP.

Has anyone figured this out?

Sorry if this is an inappropriate forum... well not all that sorry....

wcn

Now the simple answer is (of course) DCOP!

But how to make it work was not so easy :-)

What you need to do is

1. Keep track of which virtual desktop you are on
2. Keep track of which Kate process is on which virtual desktop
3. Use DCOP to instruct (the correct) Kate to open the selected file.

Here is a way to do it (with some quick'n'ugly scripts):

First make a directory to keep some tempfiles

```
mkdir ~/.kate_pid
```

then we make 2 bash scripts, put them in your ~/bin/ or where ever you fancy.

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1: start_kate.sh

```
-----<cut here>-----  
#!/bin/bash  
# Get current virtual desktop  
VIRT_DESKTOP=$(dcop kwin KWinInterface currentDesktop)  
#Now we start kate with all the arguments that we received  
kate $@&  
echo -n $! > ~/.kate_pid/kate_pid.$VIRT_DESKTOP  
exit 0;
```

-----<cut here>-----

2: kate_open_file.sh

```
-----<cut here>-----  
#!/bin/bash  
# The encoding used, utf8 is the usual one  
ENCODING=utf8  
# We need to find out which virtual destop we are on  
VIRT_DESKTOP=$(dcop kwin KWinInterface currentDesktop)  
# We need to see if there is a pid file for that desktop  
if [ -f ~/.kate_pid/kate_pid.$VIRT_DESKTOP ] ; then  
#Yes there was, now we need to check if the kate process  
#belonging to that pid is still alive  
#First find the pid  
KATE_PID=$(cat ~/.kate_pid/kate_pid.$VIRT_DESKTOP)  
if [ $(dcop kate-$KATE_PID >/dev/null 2>&1; echo $?) -gt 0 ] ; then  
#No it is not, so we start it  
kate $@&  
# and record the pid for reuse  
echo -n $! > ~/.kate_pid/kate_pid.$VIRT_DESKTOP  
else  
# now some DCOP magic  
dcop kate-$KATE_PID KateApplication openURL $1 $ENCODING  
fi  
else  
#there was no kate_pid file so we start kate.  
kate $@&  
# and record the pid for reuse  
echo -n $! > ~/.kate_pid/kate_pid.$VIRT_DESKTOP  
fi
```

-----<cut here>-----

Use the start_kate.sh wrapper to start Kate on a virtual desktop. (Not really needed)

Then make a new action in Konqueror to open files, and have it run:
/the/path/to/the/script/kate_open_file.sh %U

That should do it :-)

Notice that there is no error checking at all in the scripts, so if you use it, please make it better and post the result :-)

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regards
Jonas

It looks like the source of the problem was this change in the code:

Revision 499764 – (view) (download) (as text) (annotate) – [select for diffs]

Modified Wed Jan 18 16:49:04 2006 UTC (23 months, 3 weeks ago) by alund

File length: 10186 byte(s)

Diff to previous 498190

* Kate will export the PID of the instance in the environment variable KATE_PID. You can use that to do some initialization in your ~/.bashrc file for example, if you like to open files in kate from the built in terminal:

```
# If we are running in a konsole in kate,  
# $KATE_PID is the pid of that kate application instance.  
if [ -n $KATE_PID ] ; then  
# open files in this instance  
alias kate="kate -u -p $KATE_PID"  
# allow creating a new instance  
alias kate_newinst="" which kate`"  
fi
```

The discussion continues and recognizes the difficulty in getting the old behavior back.

Revision 495447 – (view) (download) (as text) (annotate) – [select for diffs]

Modified Sun Jan 8 09:02:09 2006 UTC (2 years ago) by alund

File length: 9921 byte(s)

Diff to previous 465343

Always follow the configuration option for choosing a session when none is specified.

I commit this, since I can't see how else we can enable old style behavior easily. The 'new' behavior can be achieved by keeping the default configuration of starting a new session.

BUG: 119620

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David C. Rankin, J.D., P.E.
Rankin Law Firm, PLLC
510 Ochiltree Street
Nacogdoches, Texas 75961
Telephone: (936) 715-9333
Facsimile: (936) 715-9339
www.rankinlawfirm.com

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