

Re: Paste too fast

Source: <http://coding.derkeiler.com/Archive/Delphi/borland.public.delphi.nativeapi/2003-11/0674.html>

From: Jean-Pierre Lamon (gipi_removeme_at_ngscan.com)

Date: 11/21/03

Date: Fri, 21 Nov 2003 00:32:55 +0100

Hi Tomaz,

Thank for your reply. I know, sorry, it's not really clear (my poor english maybe:-)

My external application has a window. Empty. On that window (not my application), I can create a TMemo using shortcuts (ctrl+shift+A). In that TMemo, I have to write some datas from a record (about 10 fields, so 10 Memos to create at runtime). So, I copy one field on the clipboard through a TStringList:

```
Memo2.SelectAll;  
Memo2.CopyToClipboard;
```

Then I create the Memo.

I use:

```
DownKey(VK_CONTROL);  
DownKey(VK_SHIFT);  
DownKey(Ord('A'));  
UpKey(Ord('A'));  
UpKey(VK_SHIFT);  
UpKey(VK_CONTROL);
```

Upkey, DownKey procedure :

```
procedure DownKey(K: Integer);
```

```
begin
```

```
  keybd_event(K, MapVirtualkey(K, 0), 0, 0);
```

```
end;
```

```
procedure UpKey(K: Integer);
```

```
begin
```

```
  keybd_event(K, MapVirtualkey(K, 0), KEYEVENTF_KEYUP, 0);
```

```
end;
```

After that, my TMemo is created (Memo1). My datas are on the clipboard. I use wm_paste to... paste the datas in the new created Memo1.

It quite always works. But sometimes not. If the datas to paste are too big, my program goes on, creates a new Memo (Memo2), and the datas are pasted in Memo2, not in Memo1.

What I want (would like) :

- copy the first field on the clipboard
- create Memo1 in the external application using shortcuts
- paste the datas from the clipboard in Memo2
- wait until its done ---> that's my problem : now, I use a sleep (400), and I don't like this QAD solution
- copy the next field on the clipboard
- create Memo2
- paste the next datas
- etc...

That's my problem :-)

Regards
JP

> *Hi*

>

> *If I understand then you're problem is that sometimes you get the data before the new memo is created. I don't know why this happens. But why do send message two times, one for memo creation and one for data paste. Try to*

> *send WM_PASTE only and when program receives data, it creates memo and pastes data into it. This will always work and should be no confusion.*

Also,

> *what do you mean by "create memo by sending some shortcuts"? I understand this as: you are sending a message to window to inform it to create new memo*

> *control. Maybe it's something wrong in the target app which creates memos so*

> *that app sometimes pastes data into wrong memo.*

>

> *regards,*

> *Tomaz*

>

>

> *"Jean-Pierre Lamon" <gipi_remove@ngscan.com> wrote in message news:3fbd035f@newsgroups.borland.com...*

>> *Hi all,*

>>

>> *I'm gonna try to be comprehensible :-)*

>> *I have an application that must copy some datas from a db into a set of TMemo in another application.*

>> *I can find the external window with*

```
> > WndName := 'MARC editor';
> > Wnd := FindWindow('TeditorWindow', PChar(WndName));
> > wnd := GetFocused(wndName);
> >
> > Then, I can create a new TMemo in this external window sending some
> > shortcuts.
> > The new TMemo is created and empty. And I want to fill it with my DB's
> > datas.
> >
> > WndChild := FindWindowEx(FindWindow('TeditorWindow',
PAnsiChar(WndName)),
> 0,
> > 'TMemo', PAnsiChar(''));
> >
> > I fetch my DB, and datas are copied into the clipboard. I then paste
them
> > sending a:
> > SendMessage(wndChild, wm_paste, 0, 0);
> >
> > The datas are copied, it's ok. But sometimes, not in the right place. A
> new
> > TMemo is created before the datas are pasted. And the datas are pasted
in
> > this new TMemo, not the pred one. What can I do to make my application
> wait
> > for datas being well pasted before launching a new TMemo creation.
> >
> > Thx in advance
> >
> >
> >
>
```