
Subject: Re: Relationship between IDLgrXXXX and associated NG functions. Was: IDL documentation gripe - How to erase a new graphics window?

Posted by [Michael Galloy](#) on Tue, 01 May 2012 18:51:06 GMT

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On 5/1/12 8:32 AM, Paul van Delst wrote:

> Crikey, even the erase method doesn't work. And by "work" I mean according to:
>

>> Verb:

>> Rub out or remove (writing or marks).

>> Remove all traces of.

>

> If I do this:

>

> IDL> w=window()

> % Loaded DLM: XML.

> IDL> p=plot(lindgen(100),/current)

> IDL> w.erase

> IDL> p=plot((findgen(100)^2)/1000.0,/current)

>

> The first plot, which I erased, reappears! ARGHHHH!

>

> Is this a known bug or a "feature"?

>

> IDL> print, !version

> { x86 linux unix linux 8.1 Mar 9 2011 32 64}

>

> Does anyone know what is the sequence of commands to do what I would like to do? That is:

> 1) plot some data in the current window

> 2) erase the plot in the current window (data, axes, titles, everything)

> 3) plot some different data in that same, current window.

> 3a) And not have the original plot reappear.

Do you really need to erase everything?

```
IDL> p = plot(findgen(100))
```

```
IDL> p->setData, (findgen(100)^2)/1000.0
```

Or if you want to change a bunch of stuff at once:

```
IDL> p = plot(findgen(100))
```

```
IDL> p->refresh, /disable
```

```
IDL> p->setData, (findgen(100)^2)/1000.0
```

```
IDL> p.title = 'New title'
```

```
; ... set more properties ...
```

```
IDL> p->refresh
```

Mike

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Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>

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