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Subject: Re: Open URL in external browser

Posted by [Michael Galloy](#) on Wed, 17 Feb 2010 18:22:59 GMT

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On 2/17/10 11:13 AM, Rob wrote:

- > Is there a native IDL method for opening a URL (e.g.
- > [http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i\\_ono.WI937](http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i_ono.WI937))
- > in a browser? I'm not looking for a "spawn" like executive solution.
- > I'm building a tool that must work on many OS's including OSx,
- > Windows, possibly Linux.
- >
- > I looked into the "online\_help" procedure which seems to work only for
- > local (a la file://) content.

Here's my solution:

[http://michaelgalloy.com/wp-content/uploads/2010/02/mg\\_open\\_url.pro](http://michaelgalloy.com/wp-content/uploads/2010/02/mg_open_url.pro)

It is a "spawn" solution, but has separate cases for the different operating systems. Mac OS X and Windows have nice (though different) ways to open the default web browser on the URL. On other Unix systems, a file dialog will come up to select your web browser. It will remember your choice, so you only have to choose once (I suppose I should add a keyword to force the choice so that you can change your mind later).

Mike

--

[www.michaelgalloy.com](http://www.michaelgalloy.com)  
Research Mathematician  
Tech-X Corporation

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Subject: Re: Open URL in external browser

Posted by [Rob\[2\]](#) on Wed, 17 Feb 2010 18:37:41 GMT

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On Feb 17, 11:22 am, mgalloy <[mgal...@gmail.com](mailto:mgal...@gmail.com)> wrote:

- > On 2/17/10 11:13 AM, Rob wrote:
- >
- >> Is there a native IDL method for opening a URL (e.g.
- >> [http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i\\_ono.WI937](http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i_ono.WI937))
- >> in a browser? I'm not looking for a "spawn" like executive solution.
- >> I'm building a tool that must work on many OS's including OSx,
- >> Windows, possibly Linux.
- >>
- >> I looked into the "online\_help" procedure which seems to work only for
- >> local (a la file://) content.
- >>
- >

> Here's my solution:  
>  
> [http://michaelgalloy.com/wp-content/uploads/2010/02/mg\\_open\\_url.pro](http://michaelgalloy.com/wp-content/uploads/2010/02/mg_open_url.pro)  
>  
> It is a "spawn" solution, but has separate cases for the different  
> operating systems. Mac OS X and Windows have nice (though different)  
> ways to open the default web browser on the URL. On other Unix systems,  
> a file dialog will come up to select your web browser. It will remember  
> your choice, so you only have to choose once (I suppose I should add a  
> keyword to force the choice so that you can change your mind later).  
>  
> Mike  
> --www.michaelgalloy.com  
> Research Mathematician  
> Tech-X Corporation

Awesome, thanks! I'm going to use this next week at the IDL/LASP workshop.

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Subject: Re: Open URL in external browser  
Posted by [Michael Galloy](#) on Wed, 17 Feb 2010 20:38:08 GMT  
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On 2/17/10 11:37 AM, Rob wrote:

> On Feb 17, 11:22 am, mgalloy<mgal...@gmail.com> wrote:  
>> On 2/17/10 11:13 AM, Rob wrote:  
>>  
>>> Is there a native IDL method for opening a URL (e.g.  
>>> [http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i ono.WI937](http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i%20ono.WI937))  
>>> in a browser? I'm not looking for a "spawn" like executive solution.  
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>>> Windows, possibly Linux.  
>>  
>>> I looked into the "online\_help" procedure which seems to work only for  
>>> local (a la file://) content.  
>>  
>> Here's my solution:  
>>  
>> [http://michaelgalloy.com/wp-content/uploads/2010/02/mg\\_open\\_url.pro](http://michaelgalloy.com/wp-content/uploads/2010/02/mg_open_url.pro)  
>>  
>> It is a "spawn" solution, but has separate cases for the different  
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>> a file dialog will come up to select your web browser. It will remember  
>> your choice, so you only have to choose once (I suppose I should add a  
>> keyword to force the choice so that you can change your mind later).  
>>

>> Mike  
>> --www.michaelgalloy.com  
>> Research Mathematician  
>> Tech-X Corporation  
>  
> Awesome, thanks! I'm going to use this next week at the IDL/LASP  
> workshop.

Cool, at the IDL User Group meeting at LASP? I will be there as well.

Mike

--

www.michaelgalloy.com  
Research Mathematician  
Tech-X Corporation

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Subject: Re: Open URL in external browser  
Posted by [Rob\[2\]](#) on Wed, 17 Feb 2010 23:13:52 GMT  
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On Feb 17, 1:38 pm, mgalloy <mgal...@gmail.com> wrote:

> On 2/17/10 11:37 AM, Rob wrote:

>  
>  
>  
>  
>  
>

>> On Feb 17, 11:22 am, mgalloy<mgal...@gmail.com> wrote:

>>> On 2/17/10 11:13 AM, Rob wrote:

>

>>>> Is there a native IDL method for opening a URL (e.g.  
>>>> [http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i\\_ono.WI937](http://spidr.ngdc.noaa.gov/spidr/servlet/GetMetadata?param=i_ono.WI937))  
>>>> in a browser? I'm not looking for a "spawn" like executive solution.  
>>>> I'm building a tool that must work on many OS's including OSx,  
>>>> Windows, possibly Linux.

>

>>>> I looked into the "online\_help" procedure which seems to work only for  
>>>> local (a la file://) content.

>

>>> Here's my solution:

>

>>> [http://michaelgalloy.com/wp-content/uploads/2010/02/mg\\_open\\_url.pro](http://michaelgalloy.com/wp-content/uploads/2010/02/mg_open_url.pro)

>

>>> It is a "spawn" solution, but has separate cases for the different  
>>> operating systems. Mac OS X and Windows have nice (though different)  
>>> ways to open the default web browser on the URL. On other Unix systems,  
>>> a file dialog will come up to select your web browser. It will remember

```
>>> your choice, so you only have to choose once (I suppose I should add a
>>> keyword to force the choice so that you can change your mind later).
>
>>> Mike
>>> --www.michaelgalloy.com
>>> Research Mathematician
>>> Tech-X Corporation
>
>> Awesome, thanks! I'm going to use this next week at the IDL/LASP
>> workshop.
>
> Cool, at the IDL User Group meeting at LASP? I will be there as well.
>
> Mike
> --www.michaelgalloy.com
> Research Mathematician
> Tech-X Corporation
```

Yes, I'm giving:  
IDL driven Space Physics Modeling and Investigations  
See you there!

Another suggested solution from a friend to my "open url in browser  
query" is given as:  
oJavaDesktop = OBJ\_NEW('IDLJavaObject\$Static\$JAVA\_AWT\_DESKTOP',  
'java.awt.Desktop')  
oJavaURI = OBJ\_NEW('IDLJavaObject\$JAVA\_NET\_URI', 'java.net.URI',  
'http://www.cnn.com/')  
endif

```
if (oJavaDesktop->isDesktopSupported()) then begin
  oBrowser = oJavaDesktop->getDesktop();
  oBrowser->browse,oJavaURI
  OBJ_DESTROY, oBrowser
endif
```

```
;Remove Objects
OBJ_DESTROY, oJavaURI, oJavaDesktop
```

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Subject: Re: Open URL in external browser  
Posted by [d.poreh](#) on Thu, 18 Feb 2010 08:47:47 GMT  
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On Feb 17, 3:13 pm, Rob <rob.webina...@gmail.com> wrote:  
> On Feb 17, 1:38 pm, mgalloy <mgal...@gmail.com> wrote:  
>  
>  
>

```
>
>
>> On 2/17/10 11:37 AM, Rob wrote:
>
>>> On Feb 17, 11:22 am, mgalloy<mgal...@gmail.com> wrote:
>>>> On 2/17/10 11:13 AM, Rob wrote:
  Another suggested solution from a friend to my "open url in browser
  > query" is given as:
  > oJavaDesktop = OBJ_NEW('IDLJavaObject$Static$JAVA_AWT_DESKTOP',
  > 'java.awt.Desktop')
  > oJavaURI = OBJ_NEW('IDLJavaObject$JAVA_NET_URI', 'java.net.URI',
  > 'http://www.cnn.com/')
  >
  > if (oJavaDesktop->isDesktopSupported()) then begin
  >   oBrowser = oJavaDesktop->getDesktop();
  >   oBrowser->browse,oJavaURI
  >   OBJ_DESTROY, oBrowser
  > endif
  >
  > ;Remove Objects
  > OBJ_DESTROY, oJavaURI, oJavaDesktop
```

Hi Rob

Could you please tell us how the last method works in a widget?

Cheers

Dave

---

Subject: Re: Open URL in external browser

Posted by [d.poreh](#) on Thu, 18 Feb 2010 09:32:11 GMT

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On Feb 18, 12:47 am, Dave\_Poreh <d.po...@gmail.com> wrote:

> On Feb 17, 3:13 pm, Rob <rob.webina...@gmail.com> wrote:> On Feb 17, 1:38 pm, mgalloy  
<mgal...@gmail.com> wrote:

```
>
>>> On 2/17/10 11:37 AM, Rob wrote:
>
>>>> On Feb 17, 11:22 am, mgalloy<mgal...@gmail.com> wrote:
>>>> > On 2/17/10 11:13 AM, Rob wrote:
  > Another suggested solution from a friend to my "open url in browser
  >
  >> query" is given as:
  >> oJavaDesktop = OBJ_NEW('IDLJavaObject$Static$JAVA_AWT_DESKTOP',
  >> 'java.awt.Desktop')
  >> oJavaURI = OBJ_NEW('IDLJavaObject$JAVA_NET_URI', 'java.net.URI',
  >> 'http://www.cnn.com/')
```

```
>
>> if (oJavaDesktop->isDesktopSupported()) then begin
>>   oBrowser = oJavaDesktop->getDesktop();
>>   oBrowser->browse,oJavaURI
>>   OBJ_DESTROY, oBrowser
>> endif
>
>> ;Remove Objects
>> OBJ_DESTROY, oJavaURI, oJavaDesktop
>
> Hi Rob
> Could you please tell us how the last method works in a widget?
> Cheers
> Dave
```

Oh!!!!  
Thanks Rob. I found it. Great work.  
Cheers  
Dave

---