Subject: relative path from one absolute path to another?
Posted by born.in.sssr@gmail.co on Tue, 08 Aug 2006 14:18:51 GMT
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Hi all,
is there an easy way (without string scripting) to get the relative
path from one absolute path to another (platform independent:
unix+win)?
In the kind of:
rel_path = get_rel_path(from_path, to_path)
Thanks, Maxim

Subject: Re: relative path from one absolute path to another?
Posted by JD Smith on Thu, 10 Aug 2006 22:33:18 GMT
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On Wed, 09 Aug 2006 15:17:15 -0400, Craig Markwardt wrote:
> JD Smith <jdsmith@as.arizona.edu> writes:
>> Does it work for Windows paths (with c:\foo or \\host\foo)?
>
> Sure. Of course, if the drive letter is different, there is no
> possible relative path.

So you explicitly test for and separate out the drive letter and then
prepend it later? I didn't see where you do this (and I don't have any
Windows IDL at hand to test these things).

> Regarding links and FILE_SAME(), I didn't assume the directories
> actually exist on disk. In my case, sometimes the relative path is
> devised before the tree exists, so that assumption would have failed.

It's not a problem, because FILE_SAME returns true if the two files are
lexically identical, even if they don't exist, so you get the best of both
worlds.

JD

Subject: Re: relative path from one absolute path to another?
Posted by Craig Markwardt on Fri, 11 Aug 2006 08:14:20 GMT
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JD Smith <jdsmith@as.arizona.edu> writes:
> On Wed, 09 Aug 2006 15:17:15 -0400, Craig Markwardt wrote:
>> JD Smith <jdsmith@as.arizona.edu> writes:
>>> Does it work for Windows paths (with c:\foo or \\host\foo)?

>>
>> Sure. Of course, if the drive letter is different, there is no
>> possible relative path.
>
> So you explicitly test for and separate out the drive letter and then
> prepend it later? I didn't see where you do this (and I don't have any
> Windows IDL at hand to test these things).

No explicit test was needed. :-)

>
>> Regarding links and FILE_SAME(), I didn't assume the directories
>> actually exist on disk. In my case, sometimes the relative path is
>> devised before the tree exists, so that assumption would have failed.
>
> It's not a problem, because FILE_SAME returns true if the two files are
> lexically identical, even if they don't exist, so you get the best of both
> worlds.

Huh! OK.

Craig

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Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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