
Subject: Re: Nasty compatibility issue in lists and hashes (and maybe more?)

Posted by [David Fanning](#) on Thu, 26 May 2011 13:18:51 GMT

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Paulo Penteado writes:

- > After some time trying to figure out what was going on, I eventually
- > found that the changes in some classes between 8.0.1 and 8.1 break
- > compatibility of some savefiles, in both ways: not only 8.1 savefiles
- > cause trouble when restored in 8.0.1, but also 8.0.1 savefiles cause
- > trouble when restored in 8.1

I have confirmed this is a problem on Windows computers, too.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Nasty compatibility issue in lists and hashes (and maybe more?)

Posted by [David Fanning](#) on Thu, 26 May 2011 16:23:26 GMT

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David Fanning writes:

- > Paulo Penteado writes:
- >
- >> After some time trying to figure out what was going on, I eventually
- >> found that the changes in some classes between 8.0.1 and 8.1 break
- >> compatibility of some savefiles, in both ways: not only 8.1 savefiles
- >> cause trouble when restored in 8.0.1, but also 8.0.1 savefiles cause
- >> trouble when restored in 8.1
- >
- > I have confirmed this is a problem on Windows computers, too.

I have been waiting for Paulo to fill you in on how this problem can be resolved, but he appears to be out of his office this morning. In the meantime, if you are interested, I have posted an article on the topic.

http://www.idlcoyote.com/misc_tips/backsave.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Nasty compatibility issue in lists and hashes (and maybe more?)

Posted by [penteado](#) on Thu, 26 May 2011 16:29:11 GMT

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On May 25, 11:51 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

- > After some time trying to figure out what was going on, I eventually
- > found that the changes in some classes between 8.0.1 and 8.1 break
- > compatibility of some savefiles, in both ways: not only 8.1 savefiles
- > cause trouble when restored in 8.0.1, but also 8.0.1 savefiles cause
- > trouble when restored in 8.1

It has been pointed out to me that this is one of the cases that can be solved with restore's /relaxed_structure_assignment keyword (which can suggestively be abbreviated as /relax). The classes are compatible enough that restore can instantiate the native class and copy the data fields by name.
