Subject: Re: Before I dive in. Anyone have a yaml parser? Posted by David Fanning on Tue, 03 May 2011 17:06:43 GMT

View Forum Message <> Reply to Message

## Matt writes:

- > So anyone out there have a yaml parser for IDL? Just curious as we're
- > starting to use those for our configurations and I thought if someone
- > had it built, I wouldn't have to do it myself.

>

> If you don't know yaml: http://www.yaml.org/

OK, I read that page and I still don't get it. What is the world is "data serialization"? My problem, I guess, is that English doesn't appear to be my native language. :-(

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: Before I dive in. Anyone have a yaml parser? Posted by Michael Galloy on Tue, 03 May 2011 17:23:15 GMT View Forum Message <> Reply to Message

On 5/3/11 11:06 AM, David Fanning wrote:

> Matt writes:

>

- >> So anyone out there have a yaml parser for IDL? Just curious as we're
- >> starting to use those for our configurations and I thought if someone
- >> had it built, I wouldn't have to do it myself.

>>

>> If you don't know yaml: http://www.yaml.org/

>

- > OK, I read that page and I still don't get it.
- > What is the world is "data serialization"? My
- > problem, I guess, is that English doesn't appear
- > to be my native language. :-(

Data serialization for IDL is just being able to store IDL variables so

that they can be restored later in exactly the same state, like IDL .sav files.

http://en.wikipedia.org/wiki/Data\_serialization

YAML is a human-readable, cross-language specification for the files, i.e., store scalars this way, structures this way, etc. YAML is implemented in many languages.

http://en.wikipedia.org/wiki/Yaml

Mike

--

Michael Galloy www.michaelgalloy.com Modern IDL, A Guide to Learning IDL: http://modernidl.idldev.com Research Mathematician Tech-X Corporation

Subject: Re: Before I dive in. Anyone have a yaml parser? Posted by David Fanning on Tue, 03 May 2011 17:26:43 GMT View Forum Message <> Reply to Message

## David Fanning writes:

- > OK, I read that page and I still don't get it.
- > What is the world is "data serialization"? My
- > problem, I guess, is that English doesn't appear
- > to be my native language. :-(

OK, I got lost again at the "pointer swizzling" part, although I \*do\* like the name of the concept a lot. :-)

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: Before I dive in. Anyone have a yaml parser?

## Posted by Paul Van Delst[1] on Tue, 03 May 2011 17:46:28 GMT

View Forum Message <> Reply to Message

Ha! I thought YAML stood for "Yet Another Markup Language"! :o)

Why not use XML? A while back I used YAML to specify input in ruby for generating Fortran95/2003 boilerplate code and,

as my input data structure grew more complicated, the YAML file became quite difficult for a human to parse (or create.

"Don't forget the '-' after the indent"-type of thing)

XML solved that.

And IDL has an XML parser already I believe.

Anyhoo....

cheers,

paulv

## Matt wrote:

- > So anyone out there have a yaml parser for IDL? Just curious as we're
- > starting to use those for our configurations and I thought if someone
- > had it built, I wouldn't have to do it myself.
- > If you don't know yaml: http://www.yaml.org/
- > >

>

- > Thanks
- > Matt