

Ruby master - Bug #11059

When saving a hash to YAML or JSON the default value isn't stored

04/11/2015 09:50 AM - Anonymous

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.2.1p85 (2015-02-26 revision 49769) [i686-linux]	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN

Description

I tried to serialize/save a hash to a YAML file, with `YAML.dump`. My hash has a default value set in. When I read the hash back with `YAML.load`, the default value is lost, because it wasn't stored in the YAML file. I experienced the same issue using JSON.

```
require "yaml"
hash={"a"=>0.3, "b"=>0.7}
hash.default=1.0
File.write("hash.yaml",YAML.dump(hash))
hash2=YAML.load(File.read("hash.yaml"))
puts hash2.default
=> nil
```

History

#1 - 04/29/2015 04:59 PM - shishir127 (Shishir Joshi)

JSON is based on JavaScript and the JavaScript default value for hashes can't be changed. The YAML spec says

These primitives were chosen because they are both powerful and familiar: the sequence corresponds to a Perl array and a Python list, the mapping corresponds to a Perl hash table and a Python dictionary.

Python doesn't have a default value for dictionaries and I don't know Perl. It looks like the default value cannot be converted to YAML or JSON to maintain interoperability with other languages.

#2 - 07/07/2019 05:34 AM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed