Ruby master - Bug #15599
Mixing autoload and require causes deadlock and incomplete definition.
02/12/2019 01:40 PM - akr (Akira Tanaka)

Status: Open
Priority: Normal
Assignee:
Target version: ruby -v:
Backport:

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>I found that mixing autoload and require causes deadlock and incomplete definition.</td>
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% cat a.rb
class A
  def a1() end
end
% cat base.rb
autoload :A, './a'
t1 = Thread.new { p A.instance_methods(false) }
t2 = Thread.new { require './a' }
t1.join
t2.join

% ruby base.rb

The last run which prints [] means incomplete definition of A which a1 method is not defined.

Related issues:
Related to Ruby master - Bug #15598: Deadlock on mutual reference of autoload... Open

History
#1 - 03/20/2019 10:59 AM - akr (Akira Tanaka)
- Related to Bug #15598: Deadlock on mutual reference of autoloaded constants added

08/28/2022