These patches add the `<header>` tag to CGI's HTML generation methods, finalizing the support of HTML5, see #6637.

Note that the old CGI#header method is renamed to CGI#http_header. CGI#header now generates a HTML5 header element.
lib/cgi.rb, lib/cgi/*/rb: rename CGI#header to CGI#http_header, add and update HTML5 tag generator. [Bug #7110] Patch provided by Marcus Stollsteimer, thank you!

**History**

#1 - 11/03/2012 09:02 PM - mame (Yusuke Endoh)
- Status changed from Open to Assigned

xibbar, are you willing to include this in 2.0.0?
If so, please commit it ASAP, before preview2 (planned at 1 Dec.) at the latest.

---

Yusuke Endoh mame@tsg.ne.jp

#2 - 11/04/2012 07:10 AM - zzak (Zachary Scott)

I think CGI#header should stay the same, and this method to product html5 compatible headers should be CGI#html_header

#3 - 11/04/2012 09:50 AM - mame (Yusuke Endoh)

I recommend xibber to postpone this to next minor, if there is room to discuss anything about the spec of this feature (such as a method name).

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Yusuke Endoh mame@tsg.ne.jp

#4 - 11/04/2012 09:51 AM - mame (Yusuke Endoh)

Sorry, xibber -> xibbar.

#5 - 11/04/2012 05:17 PM - stomar (Marcus Stollsteimer)

I really think for the proposed patch 2.0 would be the best place.

zzak (Zachary Scott):

I can not judge how big the impact of renaming CGI#header would be.

BUT: Your proposal would mean that the tag would have to be treated differently to all the other HTML tags (#h1, #form, #br, ...), which for the users of the tag maker would be a fairly unexpected behaviour.

Personally, I would prefer consistent behaviour for all tags.

In case the decision goes with introducing a special method for this single tag, I would suggest #header_element (maybe #header_tag) instead of #html_header, which to me rather signifies the doctype, html meta data, etc.

#6 - 11/04/2012 07:24 PM - xibbar (Takeyuki FUJIOKA)

I think this function should be included in 2.0.0

So, I will commit.

Sorry late.

#7 - 11/04/2012 08:48 PM - xibbar (Takeyuki FUJIOKA)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r37466.
Marcus, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Sun Nov 4 20:41:28 2012 Takeyuki FUJIOKA xibbar@ruby-lang.org

- lib/cgi.rb, lib/cgi/*/rb: rename CGI#header to CGI#http_header, add and update HTML5 tag generator. [Bug #7110] Patch provided by Marcus Stollsteimer, thank you!
#8 - 11/04/2012 11:15 PM - stomar (Marcus Stollsteimer)

Perhaps a note should be added to NEWS, maybe something like

- **cgi**
  - incompatible changes:
    - CGI#header has been renamed to CGI#http_header. CGI#header is now used by the HTML5 tag maker to create a `element.

#9 - 11/05/2012 04:13 AM - zzak (Zachary Scott)

In my opinion compatibility is more important than consistency, but ultimately it is up to xibbar.

Other ruby-core share this sentiment, see ruby-core:48469

#10 - 11/05/2012 04:23 AM - zzak (Zachary Scott)

In my opinion compatibility is more important than consistency, but ultimately it is up to xibbar.

Other ruby-core share this sentiment, see ruby-core:48469

On Sun, Nov 4, 2012 at 9:15 AM, stomar (Marcus Stollsteimer) wrote:

Issue #7110 has been updated by stomar (Marcus Stollsteimer).

Perhaps a note should be added to NEWS, maybe something like

- **cgi**
  - incompatible changes:
    - CGI#header has been renamed to CGI#http_header. CGI#header is now used by the HTML5 tag maker to create a `element.

---

Bug #7110: CGI: Add support for HTML5 ` tag
https://bugs.ruby-lang.org/issues/7110#change-32341

Author: stomar (Marcus Stollsteimer)
Status: Closed
Priority: Normal
Assignee: xibbar (Takeyuki Fujioka)
Category: lib
Target version: 2.0.0
ruby -v: ruby 2.0.0dev (2012-09-28 trunk 37049) [i686-linux]

=begin
These patches add the ` tag to CGI's HTML generation methods, finalizing the support of HTML5, see #6637.

Note that the old CGI#header method is renamed to CGI#http_header. CGI#header now generates a HTML5 header element.
=end

--
http://bugs.ruby-lang.org/

#11 - 11/05/2012 05:12 AM - stomar (Marcus Stollsteimer)

In my opinion compatibility is more important than consistency, but ultimately it is up to xibbar.

Other ruby-core share this sentiment, see ruby-core:48469

I don't think a general rule can be derived from this single statement. Also, the circumstances are different. Here, it is more a question of avoiding inconsistent and unexpected behaviour than of adding some "would be nice to have" method.

(BTW, I prepared a slide for the developer meeting (7/21), see #6637, and apparently there haven't been objections, though I made sure to point out the incompatibility issue.)

But don't understand me wrong, I'm all for compatibility.

Maybe a point that would have to be considered is whether this change can be regarded as a mostly internal change of a method that is usually not called directly by the average user of the library, or not.
#12 - 11/05/2012 09:29 AM - xibbar (Takeyuki FUJIOKA)
stomar (Marcus Stollsteimer) wrote:

Perhaps a note should be added to NEWS, maybe something like

- cgi
  - incompatible changes:
    - CGI#header has been renamed to CGI#http_header. CGI#header is now used by the HTML5 tag maker to create a element.

Thank you. I will add.

#13 - 11/05/2012 09:33 AM - xibbar (Takeyuki FUJIOKA)

I decide this change. Because minor version up is is more important than consistency. But 2.0 is major version up. HTML5 will be gradually standard format.

#14 - 11/05/2012 10:10 AM - zzak (Zachary Scott)
xibbar, it is your decision to make, and I support it.

Thank you.

#15 - 11/06/2012 09:12 PM - xibbar (Takeyuki FUJIOKA)
Currently, some japanese programmer talk about compatibility. #7286
Many traditional web applications use cgi.rb . This change give a impact to these applications. Some committer said that cgi.rb 's importance is traditional code can run. I agee them.

If you have better idea, please write here or #7286.

We are discussing in #7286 .

#16 - 11/06/2012 09:31 PM - mame (Yusuke Endoh)
Let me complement. xibbar suggested three options:

1. Just delete the old header method (current)
2. Change CGI#header only before HTML4 mode
3. Change CGI#header only in HTML5 mode

(I don't know any merit of (2), I guess it is typo)

We are mainly considering (3).

puts CGI.new .header #=> "Content-Type: text/html" + deprecated warning
puts CGI.new("html4").header #=> "Content-Type: text/html" + deprecated warning
puts CGI.new("html5").header #=> ""

Knu suggested more delicate way:

- CGI#header should emit a tag when a block is given, and
- CGI#header should emit a tag when it is called in a block of other tag-generating methods.

--
Yusuke Endoh mame@tsg.ne.jp

Files

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<tr>
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<th>Date</th>
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