

## Ruby master - Bug #7110

### CGI: Add support for HTML5 <header> tag

10/05/2012 10:22 PM - stomar (Marcus Stollsteimer)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> xibbar (Takeyuki FUJIOKA)	
<b>Target version:</b> 2.0.0	
<b>ruby -v:</b> ruby 2.0.0dev (2012-09-28 trunk 37049) [i686-linux]	<b>Backport:</b>
<b>Description</b> =begin These patches add the tag to CGI's HTML generation methods, finalizing the support of HTML5, see <a href="#">#6637</a> .  Note that the old CGI#header method is renamed to CGI#http_header. CGI#header now generates a HTML5 header element. =end	
<b>Related issues:</b>	
Related to Ruby master - Feature #6637: Add HTML5 support to CGI	<b>Closed</b> <b>06/24/2012</b>
Related to Ruby master - Bug #7286: CGI#header 1.9.3 00000000000000	<b>Closed</b> <b>11/06/2012</b>

#### Associated revisions

##### Revision 6837f3dc - 11/04/2012 11:48 AM - xibbar (Takeyuki FUJIOKA)

Sun Nov 4 20:41:28 2012 Takeyuki FUJIOKA [xibbar@ruby-lang.org](mailto: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 !

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37466 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 37466 - 11/04/2012 11:48 AM - xibbar (Takeyuki FUJIOKA)

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## History

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### #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.

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Yusuke Endoh [mame@tsg.ne.jp](mailto: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 xibbar 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](mailto:mame@tsg.ne.jp)

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

Sorry, xibbar -> 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.

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Sun Nov 4 20:41:28 2012 Takeyuki FUJIOKA [xibbar@ruby-lang.org](mailto: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) [redmine@ruby-lang.org](mailto:redmine@ruby-lang.org) 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.

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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 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 agree 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.

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Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

**Files**

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01_lib_cgi_rename_header_to_http_header.patch	10.2 KB	10/05/2012	stomar (Marcus Stollsteimer)
02_lib_cgi_add_html5_header_tag.patch	1.16 KB	10/05/2012	stomar (Marcus Stollsteimer)