Zoom to fit: PDF Embedded in HTML

Asked 8 years, 4 months ago   Modified 8 months ago   Viewed 135k times

108

I am embedding a local pdf file into a simple webpage and I am looking to set the initial zoom to fit to the object size. Here is what I tried but it is not affecting the zoom.

```
<embed src="filename.pdf?zoom=50" width="575" height="500">
```

49

does anyone know how to modify the code so its initial zoom is set to fit the object size.

html   object   pdf

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edited Apr 15, 2017 at 15:39
Cœur
34.4k   23   184   249

asked Dec 13, 2013 at 8:59
user3024833
1,081   2   8   3

What about this? – Irgendw Pointer Dec 13, 2013 at 9:06

the modifier I have in the code right now is not effecting the zoom of the pdf file, I need to figure out how to make the zoom fit to the object initally – user3024833   Dec 13, 2013 at 9:48

8 Answers

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218

Bit of a late response but I noticed that this information can be hard to find and haven't found the answer on SO, so here it is.

Try a differnt parameter #view=FitH to force it to fit in the horzontal space and also you need to start the querystring off with a # rather than an & making it:

```
filename.pdf#view=FitH
```

What I've noticed it is that this will work if adobe reader is embedded in the browser but chrome will use it's own version of the reader and won't respond in the same way. In my own case, the chrome browser zoomed to fit width by default, so no problem , but Internet Explorer needed the above parameters to ensure the link always opened the pdf page with the correct view setting.

For a full list of available parameters see this [doc](#)

EDIT: (lazy mode on)

PDF Open Parameters

The following table lists and describes the available PDF open parameters. Italics indicate user-specified variables.

Syntax	Description
`nameddest=name`	Specifies a named destination in the PDF.
`page=pagenum`	Specifies a numbered page in the document, using an integer value. The document's first page has a *pagenum* value of 1.
`comment=commentID`	Specifies a comment on a given page in the PDF. Use the **page** command before this command; for example: `#page=1&comment=452fde0e-fd22-457c-84aa-2cf5bed5a349`
`collab=setting`	Sets the collaboration store to be used to supply and store comments for the document. This *overrides* the default comment server for the review or the default preference. *setting* is of the form *store_type@location*, where valid values for *store_type* are: • **DAVFDF** (webDAV) • **FSFDF** (Network store) • **DB** (ADBC) For example: `#collab=DAVFDF@http://review_server/Collab/user1` For more information, see *Acrobat Online Collaboration: Administration and Setup*.
`zoom=scale` `zoom=scale,left,top`	Sets the zoom and scroll factors, using float or integer values. For example, a *scale* value of 100 indicates a zoom value of 100%. Scroll values *left* and *top* are in a coordinate system where 0,0 represents the top left corner of the visible page, regardless of document rotation.

`view=Fit`
`view=FitH`
`view=FitH,top`
`view=FitV`
`view=FitV,left`
`view=FitB`
`view=FitBH`
`view=FitBH,top`
`view=FitBV`
`view=FitBV,left`
	Set the view of the displayed page, using the keyword values defined in the PDF language specification. See the *PDF Reference*.
	Scroll values *left* and *top* are floats or integers in a coordinate system where 0,0 represents the top left corner of the visible page, regardless of document rotation.
	Use the **page** command before this command.
	NOTE: Not supported on the command line.

`viewrect=left,top,wd,ht`	Sets the view rectangle using float or integer values in a coordinate system where 0,0 represents the top left corner of the visible page, regardless of document rotation. Use the **page** command before this command.

`pagemode=bookmarks`
`pagemode=thumbs`
`pagemode=none` (default)
	Displays bookmarks or thumbnails.

`scrollbar=1│0`	Turns scrollbars on or off.

PDF Open Parameters

Open Parameters for PDF
Specifying PDF Open Parameters in a URL

Syntax	Description
`search=wordList`	Opens the Search UI and performs a search for the specified word list in the document. Matching words are highlighted in the document. The words must be enclosed in quotes and separated by spaces; for example: `#search="word1 word2"`
`toolbar=1│0`	Turns the toolbar on or off.
`statusbar=1│0`	Turns the status bar on or off.
`messages=1│0`	Turns the document message bar on or off.
`navpanes=1│0`	Turns the navigation panes and tabs on or off.
`highlight=lt,rt,top,btm`	Highlights a specified rectangle on the displayed page. (Use the **page** command before this command.) The rectangle values are integers in a coordinate system where 0,0 represents the top left corner of the visible page, regardless of document rotation.
`help=index│contents│search`	Used only when opening a file from the command line or an Apple Event. Opens the document in the Help window, with the specified navigation panel selected.
`fdf=URL`	Specifies an FDF file to be used to populate form fields in the PDF file being opened. For example: `#fdf=http://example.org/doc.fdf` NOTE: The **fdf** parameter should be specifed last in the URL.

URL Examples

```
http://example.org/doc.pdf#nameddest=Chapter6
http://example.org/doc.pdf#page=3
http://example.org/doc.pdf#page=3&zoom=200,250,100
http://example.org/doc.pdf#zoom=50
http://example.org/doc.pdf#page=72&view=fitH,100
http://example.org/doc.pdf#view=fitb&nameddest=Chapter3
http://example.org/doc.pdf#pagemode=none
http://example.org/doc.pdf#pagemode=bookmarks&page=2
http://example.org/doc.pdf#page=3&pagemode=thumbs
http://example.org/doc.pdf#collab=DAVFDF@http://review_server/Collab/use
r1
http://example.org/doc.pdf#page=1&comment=452fde0e-fd22-457c-84aa-
2cf5bed5a349
http://example.org/doc.pdf#fdf=http://example.org/doc.fdf
```

URL Limitations

- Only one digit following a decimal point is retained for float values.
- Individual parameters, together with their values (separated by **&** or **#**), can be no greater then 32 characters in length.
- You cannot use the reserved characters **=**, **#**, and **&**. There is no way to escape these special characters.
- If you turn bookmarks off using a URL parameter when a document had previously been saved with bookmarks on, the bookmark scrollbars are displayed at first, and only disappear once Acrobat obtains enough streamed information to render the full page.

Share Improve this answer Follow   edited Jul 13, 2018 at 12:44   answered Jan 5, 2014 at 14:35

Rich
4,102   3   22   31

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3   This was great. How do I force it to refit the page to `FitH` when I resize the browser window? – Vishal
    Aug 20, 2016 at 20:15 ✎

5   The documentation for the parameters in the URL, mentioned above, has moved to this link
    adobe.com/content/dam/Adobe/en/devnet/acrobat/pdfs/... – RominNoodleSamurai Feb 8, 2017 at 0:21 ✎

3   Why are you not the voted answer :) Thank you very much! – Martin Eckleben May 12, 2017 at 14:28

    Is there a way to change the color of the background container of the <embed> element? I see gray outside
    the document but inside the element. I'd prefer it to be transparent or inherited from the element. – Vishal
    Oct 2, 2018 at 2:51

1   I was not able to make it work in Edge. The browser ignored the parameters. Chrome supports at least
    some of them (e.g. view, zoom, page). – Josef Bláha Sep 25, 2019 at 15:24

This method uses "object", it also has "embed". Either method works:

6

```
<div id="pdf">
    <object id="pdf_content" width="100%" height="1500px"
```

```
type="application/pdf" trusted="yes" application="yes" title="Assembly"
data="Assembly.pdf?#zoom=100&scrollbar=1&toolbar=1&navpanes=1">
    <!-- <embed src="Assembly.pdf" width="100%" height="100%"
type="application/x-pdf" trusted="yes" application="yes" title="Assembly">
    </embed> -->
    <p>System Error - This PDF cannot be displayed, please contact IT.</p>
    </object>
</div>
```

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edited Mar 21, 2016 at 18:20

Alexander O'Mara
55.8k 17 155 162

answered Mar 21, 2016 at 18:05

SR Harvey
61 1 2

For me this worked(I wanted to zoom in since the container of my pdf was small):

26

```
<embed src="filename.pdf#page=1&zoom=300" width="575" height="500">
```

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answered Aug 20, 2015 at 19:25

nazbouy
361 3 3

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2   #zoom=50 or #page=2&zoom=300 work perfectly both in chrome and IE. IE only seems to be responding
to #view=Fit. More IE params here: partners.adobe.com/public/developer/en/acrobat/... – Sergiu Z Jun 30,
2016 at 22:11

1   I had a multiple page PDF and #zoom=100 worked for me. – adrianp Nov 2, 2016 at 2:17

Followed @**Rich** answer, I used **view=FitH** in my code to view PDF content base64 in Angular as
below.

1

I shared for whom concern about **view base64 content PDF file with object tag using Angular**
framework.

The option for view PDF

```
this.pdfContent =
     URL.createObjectURL(this.b64toBlob(content, 'application/pdf')) +
     '#toolbar=0&navpanes=0&scrollbar=0&view=FitH';
```

Read PDF content from API as

```
let content = DataHelper.getDataFromAPI();
```

When click show content button use

```
showData() {
    let content = DataHelper.getDataFromAPI();

    this.pdfContent =
      URL.createObjectURL(this.b64toBlob(content, 'application/pdf')) +
      '#toolbar=0&navpanes=0&scrollbar=0&view=FitH';

    this.pdfview.nativeElement.setAttribute('data', this.pdfContent);
  }
```

In HTML file use object tag as

```
<object #pdfview
[data]=''
type="application/pdf"
width="100%"
height="800px"
>
</object>
```

Link Angular demo https://stackblitz.com/edit/angular-ivy-tdmieb

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answered Aug 19, 2021 at 8:32

Hien Nguyen
22.9k   7   45   55

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just in case someone need it, in firefox for me it work like this

2

```
<iframe src="filename.pdf#zoom=FitH" style="position:absolute;right:0; top:0;
bottom:0; width:100%;"></iframe>
```

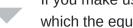Share Improve this answer Follow

edited Jul 14, 2019 at 9:21

answered Jul 14, 2019 at 9:16

kuz1toro
61   2

Bit late response to this question, however I do have something to add that might be useful for others.

1

If you make use of an iFrame and set the pdf file path to the src, it will load zoomed out to 100%, which the equivalence of FitH

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answered Jun 16, 2014 at 0:40

raf
267   1   5

I answered this question here: stackoverflow.com/questions/18478120/… It requires creating an iframe, so

it may not be ideal, but my solution provides some reusable code that I use on my websites. HTH!
  – Realto619 yesterday

Use iframe tag do display pdf file with zoom fit

0

```
<iframe src="filename.pdf" width="" height="" border="0"></iframe>
```

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answered Mar 17, 2015 at 6:11

anilglpl
9   3

This works fine for me

0

```
<embed src=".file-name.pdf#zoom=FitH" width="100%" height="1930px" />
```

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answered Apr 21, 2021 at 14:15

Jimut123
372   3   13