Core - Bug # 33090

Status:	New	**Priority:**	Must have
Author:	Robert Heel	**Category:**	HTML5
Created:	2012-01-10	**Assigned To:**	Benjamin Mack
Updated:	2015-06-15	**Due date:**	

TYPO3 Version:	4.6
PHP Version:	5.3
Complexity:	
Is Regression:	No
Sprint Focus:	
Subject:	New way to embed youtube videos

Description

youtube has a new way to embed videos:

http://apiblog.youtube.com/2010/07/new-way-to-embed-youtube-videos.html

It automatically uses html5 if the device can't use flash. But it's not easy to integrate this in the current TYPO3 media element.

Related issues:

related to Core - Feature # 25718: Support <iframe> inclusion for Media Conte...	**New**	**2011-04-01**
related to Core - Bug # 58569: Content element "media" does not render Youtub...	**Resolved**	**2014-05-06**
related to Core - Bug # 44633: Media-element: Vimeo-video can not play via HTML5	**New**	**2013-01-18**
related to Core - Feature # 61799: Improve the handling of media files	**Under Review**	**2014-09-22**

History

#1 - 2012-01-10 13:51 - Robert Heel

- File media_iframe.diff added

Attached a workaround which bypass the generation on youtube links.

#2 - 2012-01-12 13:08 - Robert Heel

- File 33090_media_iframe.diff added

Added wmode=Opaque to avoid flash overlay

#3 - 2012-01-12 13:13 - Robert Heel

... or wmode=transparent ...

http://stackoverflow.com/questions/4050999/youtube-iframe-wmode-issue

#4 - 2014-05-30 14:49 - Stefan Neufeind

- File youtube-video_forge-33090.patch added

This is still an issue in latest TYPO3 CMS (6.2.3). Embedding by using an iframe seems to be the best way.

Here is a slightly different patch, patch also using an iframe.

Of course all these ways are just "hacks" to get it working for the moment. Imho we need to cleanly extend the concept of MediaProviders to fit the new needs - which here is APIs that need iframes and don't allow access to the videos directly anymore.

#5 - 2014-05-30 14:50 - Stefan Neufeind

- Tracker changed from Feature to Bug

- Subject changed from New way to embed youtube videos with html5 to work on ipad to New way to embed youtube videos

#6 - 2014-06-01 00:41 - Markus Klein

- Is Regression set to No

I agree we need to restructure the Media Providers a lot. Currently you can only modify the path to videos within a provider. IMO a provider should be much more general. Meaning it should be capable of rendering the whole html output and providing also adequate fields in the backend. The html should be fluid based. A provider should be an adapter between the Core and the source API, like YouTube or Vimeo.

#7 - 2014-06-01 00:49 - Stefan Neufeind

Could we maybe agree on some "hack" to get youtube working again with one of the next releases? I doubt that a full restructuring will arrive in the short run - and even then it would need a decision if such a "new" MediaProvider-interface can be introduced in the 6.2.x-branch.

#8 - 2014-06-01 12:22 - Markus Klein

From what I saw, I can tell that after the current media provider parses and rewrites the youtube url it uses the default SWFOJECT rendering of cObj (object-embed HTML code)

I don't have time currently to take a closer look how we could "hack" that now to get an iframe in 6.2.

By the way: Youtube is NOT broken currently, after applying the fix https://review.typo3.org/29952

#9 - 2014-06-01 12:46 - Stefan Neufeind

Oh yes, that patch went in after 6.2.3-release. I just tried it out. Works fine on a machine where you have Flash available. For things like an an ipad that of course fails - in contrast to the iframe-embededing directly from youtube (which detects HTML5-capable players).

#10 - 2014-06-01 14:04 - Markus Klein

Yep of course. iframe player detection is much more intelligent!

#11 - 2014-08-08 08:14 - Stefan Neufeind

- File youtube-video_forge-33090_4.5.34.patch added

Attached is the same patch/hack for using Youtube via iframe, redone against 4.5.34

#12 - 2014-08-28 09:23 - Johannes C. Schulz

Is there some magic to do within the plugin? I patched my 6.2.4 but youtube in media-element remains SWFOBJECT ínstead of IFRAME.

#13 - 2014-08-28 09:25 - Stefan Neufeind

No magic involved. Then please check the source again. What URLs does the mediaprovider return for you, is the mode correctly set to iframe etc.?

#14 - 2014-08-28 09:40 - Johannes C. Schulz

My plugin-settings:
Medientyp: Video
HTML5: nein
Breite:
Höhe:
Darstellungstyp: auto
URL: http://youtu.be/anM5lsLPwPE

in MediaContentObject.php I've changed:

```
$urlRewritten = $mediaWizard->rewriteUrl($conf['file']);
        if( (strpos($urlRewritten, 'www.youtube.com') !== FALSE) || (strpos($urlRewritten, 'youtu.be') !== FALSE) ) {
          $renderType = 'iframe';
        }
```

PageContent is:

```
<object type="application/x-shockwave-flash" data="http://www.youtube.com/v/anM5lsLPwPE?fs=1" width="600" height="400"
id="mmswf53fedb6e1c783" style="visibility: visible;"><param name="quality" value="high"><param name="menu" value="false"><param
name="allowScriptAccess" value="sameDomain"><param name="allowFullScreen" value="true"><param name="wmode"
value="opaque"></object>
```

There is no option "IFRAME" inside the plugin.

Johannes

#15 - 2014-08-28 09:41 - Stefan Neufeind

Well, you missed the second half of the patch ...

#16 - 2014-08-28 09:43 - Johannes C. Schulz

No ;-) - It's also there.

```
case 'iframe':
        $url = $urlRewritten;
```

```
$width = $conf['parameter.']['mmWidth'] ?: '100%';
$height = $conf['parameter.']['mmHeight'] ?: '100%';
$frameBorderAttribute = ' style="border:0px"';
// literally taken from EXT:news/Classes/MediaRenderer/Video/Youtube.php
$content = '<div class="wrapper"><div class="h_iframe"><iframe width="' . $width . '" height="' . $height . '" src="' .
htmlspecialchars($url) . '"' . $frameBorderAttribute . '></iframe></div></div>';
        break;
```

#17 - 2015-01-05 00:14 - Benjamin Mack

- Assigned To set to Benjamin Mack

- Target version set to 7.2 (Frontend)

#18 - 2015-01-05 01:01 - Markus Klein

See extension of Frans which shall be the new way to do it.

https://github.com/fsaris/fal_online_media_connector

#19 - 2015-06-15 17:44 - Benjamin Mack

- Target version changed from 7.2 (Frontend) to 7.4 (Backend)

Files

media_iframe.diff	859 Bytes	2012-01-10	Robert Heel
33090_media_iframe.diff	872 Bytes	2012-01-12	Robert Heel
youtube-video_forge-33090.patch	1.3 kB	2014-05-30	Stefan Neufeind
youtube-video_forge-33090_4.5.34.patch	1.5 kB	2014-08-08	Stefan Neufeind