

Step-by-Step Guide on how to download streaming .WMV files from the Internet

/This guide was made specifically for downloading files from WWE.com, but if you have a sharp eye while browsing the HTML source, it will work on almost any homepage – but not on YouTube, because they use flash to play videos, which is a lot harder to “hack”, but it’s not impossible!//

First of all, I have to inform you that the following 2 ports need to be enabled on your proxy (or router, etc...) if you want to download .WMV files: **554** & **1755** (these 2 ports are the standard ports for the MMS protocol which handles Streaming Media). If you can’t enable these ports by yourself (e.g. your ISP is blocking them) look at the end of this document.

If you have these two ports enabled then there should be no problem downloading streaming videos, if not, then it could be a problem, but I will discuss it later.

So, then let’s get started:

Step 1.: Find the video you want to download

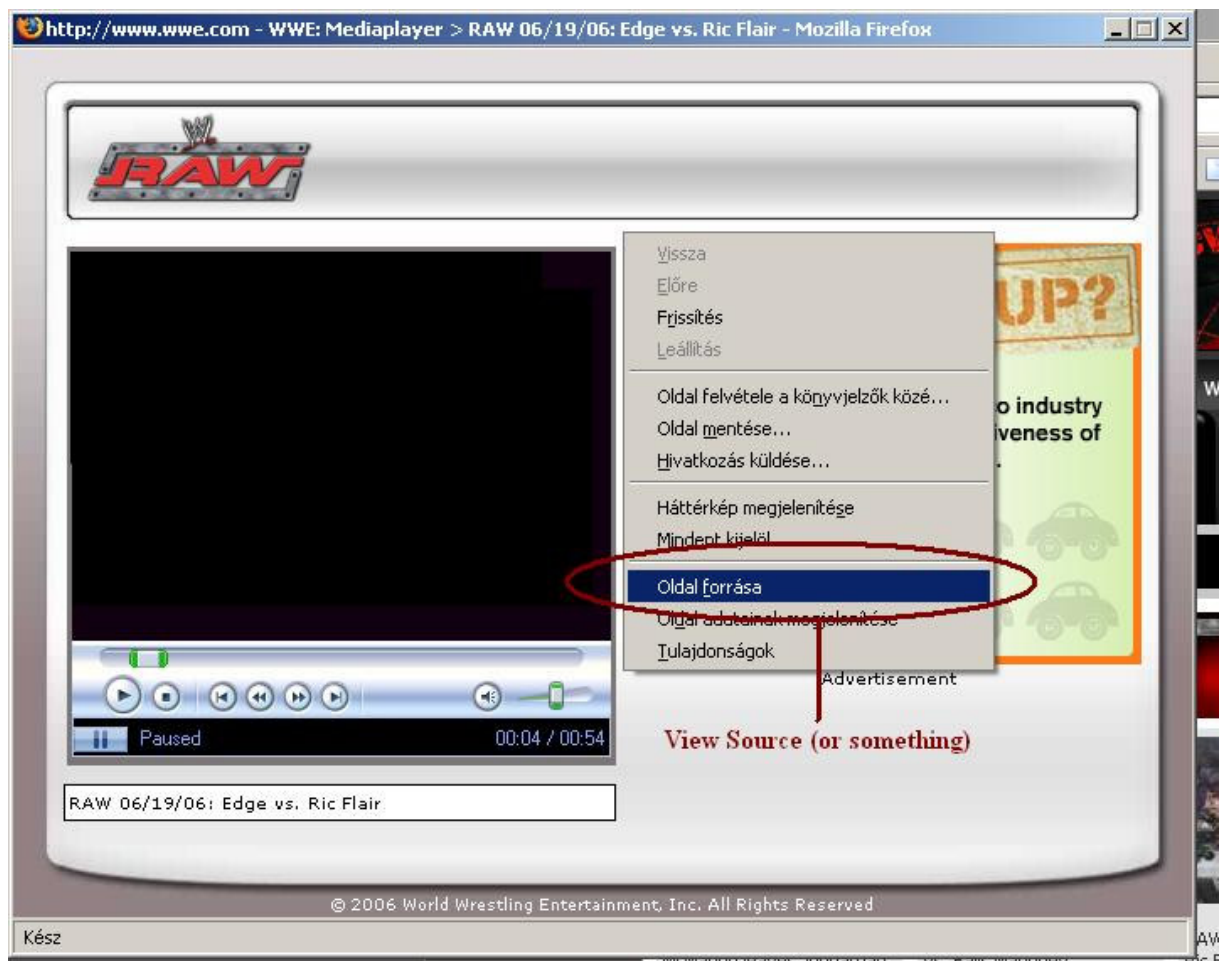
Go to the page where the video you want is located, and click on the link. It looks something like this:

```
javascript:wwwvideoplayer('/content/media/video/tvshows/raw/200606/2933548/r061906edgeflair')
```

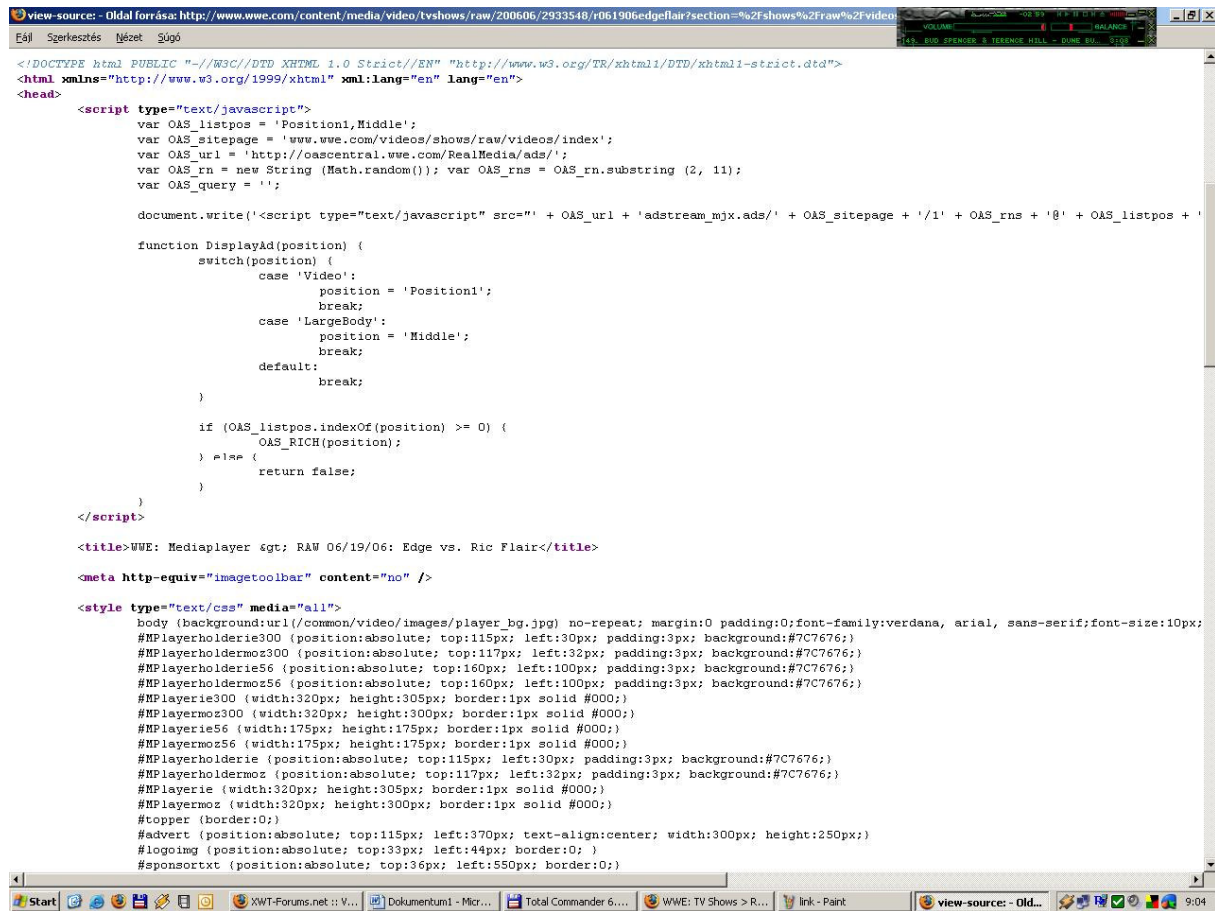
(Like I said before, this guide is only for WWE.com, links on other sites may look different.) Click on the link. The player will be opened and the video starts playing.

Step 2.: Find your .WMV file

This is a little bit tricky. But WWE.com makes it also very easy for us :-). First you have to view at the source code of the page:



Then you will see something like this:



```

view-source: - Oldal forrása: http://www.wwe.com/content/media/video/tvshows/raw/200606/2933548/r061906edgeflair?section=%2Fshows%2Fraw%2Fvideo
Ejöl Szerkesztés Nézet Sögő
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<script type="text/javascript">
var OAS_listpos = 'Position1,Middle';
var OAS_sitepage = 'www.wwe.com/videos/shows/raw/videos/index';
var OAS_url = 'http://oascentral.wwe.com/RealMedia/ads/';
var OAS_rn = new String (Math.random()); var OAS_rns = OAS_rn.substring (2, 11);
var OAS_query = '';

document.write('<script type="text/javascript" src="" + OAS_url + 'adstream_mjx.ads/' + OAS_sitepage + '/1' + OAS_rns + '0' + OAS_listpos + '

function DisplayAd(position) {
switch(position) {
case 'Video':
position = 'Position1';
break;
case 'LargeBody':
position = 'Middle';
break;
default:
break;
}

if (OAS_listpos.indexOf(position) >= 0) {
OAS_RICH(position);
} else {
return false;
}
}
}
</script>

<title>WWE: Mediaplayer &gt; RAW 06/19/06: Edge vs. Ric Flair</title>

<meta http-equiv="imagetoolbar" content="no" />

<style type="text/css" media="all">
body (background:url(/common/video/images/player_bg.jpg) no-repeat; margin:0 padding:0;font-family:verdana, arial, sans-serif;font-size:10px;
#MPPlayerholderie300 (position:absolute; top:115px; left:30px; padding:3px; background:#7C7676;)
#MPPlayerholderie300 (position:absolute; top:117px; left:32px; padding:3px; background:#7C7676;)
#MPPlayerholderie56 (position:absolute; top:160px; left:100px; padding:3px; background:#7C7676;)
#MPPlayerholderie56 (position:absolute; top:160px; left:100px; padding:3px; background:#7C7676;)
#MPPlayerie300 (width:320px; height:305px; border:1px solid #000;)
#MPPlayermoz300 (width:320px; height:300px; border:1px solid #000;)
#MPPlayerie56 (width:175px; height:175px; border:1px solid #000;)
#MPPlayermoz56 (width:175px; height:175px; border:1px solid #000;)
#MPPlayerholderie (position:absolute; top:115px; left:30px; padding:3px; background:#7C7676;)
#MPPlayerholdermoz (position:absolute; top:117px; left:32px; padding:3px; background:#7C7676;)
#MPPlayerie (width:320px; height:305px; border:1px solid #000;)
#MPPlayermoz (width:320px; height:300px; border:1px solid #000;)
#topper (border:0;)
#advert (position:absolute; top:115px; left:370px; text-align:center; width:300px; height:250px;)
#logoimg (position:absolute; top:33px; left:44px; border:0;)
#sponsortxt (position:absolute; top:136px; left:550px; border:0;)

```

Now you have to find your file. WWE.com uses a “template” or something similar to put the files in the player, which makes our work a lot easier. Just look for the following pattern:

```

<script type="text/javascript">
var preclip = '';
var introclip = '';
var sponsoring = '';
</script>


```

```

<script type="text/javascript">
if ((introclip == "no_ad") || (introclip == "")) {
vod2 = "";
} else {
vod2 = (introclip);
}

movieVar = 'http://video.wwe.com/wvx.php?' +
'wvx=http://wmsvod.wwe.com/raw/200606/r061906edgeflair' + speed + '.wmv&' +
'speed=' + speed + '&' +
'title=RAW+06%2F19%2F06%3A+Edge+vs.+Ric+Flair&' +
'dynwvx=' + vod2 + '&' +
'preclip=' + preclip;

```



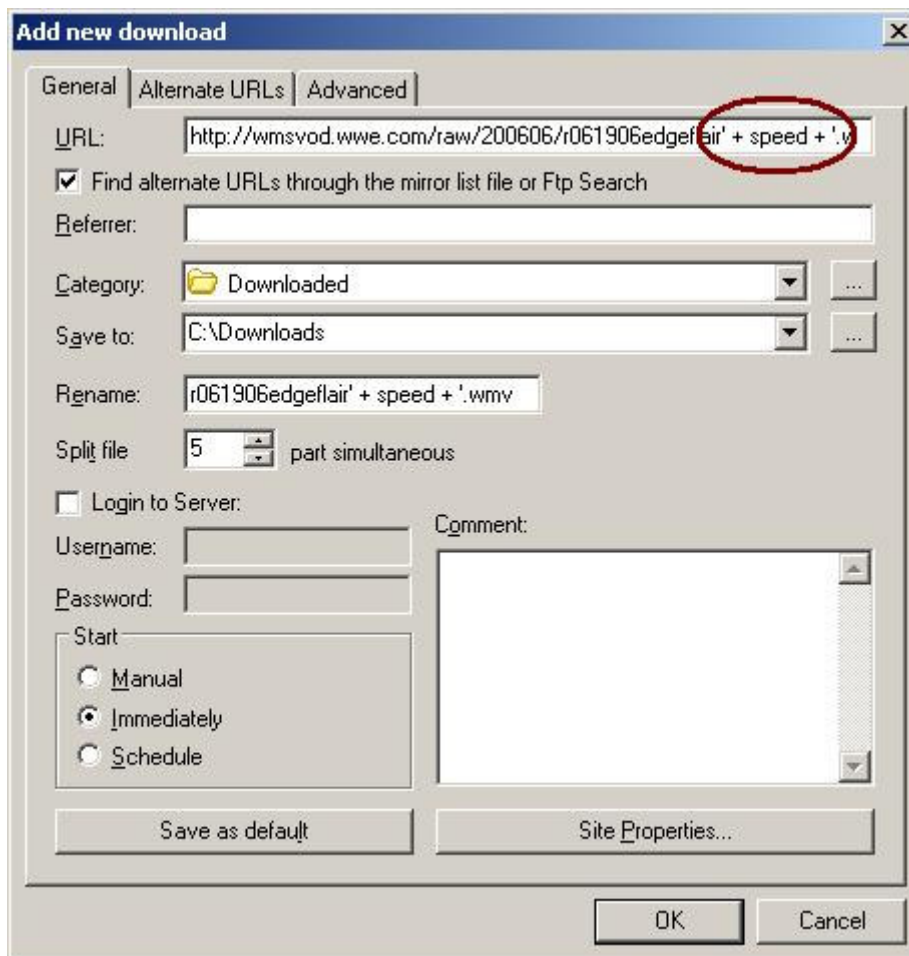
That's our file! No. But almost. The link we need is:

```
http://wmsvod.wwe.com/raw/200606/r061906edgeflair' + speed + '.wmv
```

(We don't need the "wvx=" part at the beginning & the "&' +" part at the end.)

Step 3.: Downloading your video

Now you have to copy & paste the link into *FlashGet (JetCar)* or *StreamDown* (we'll discuss it later). So here is the FlashGet method:

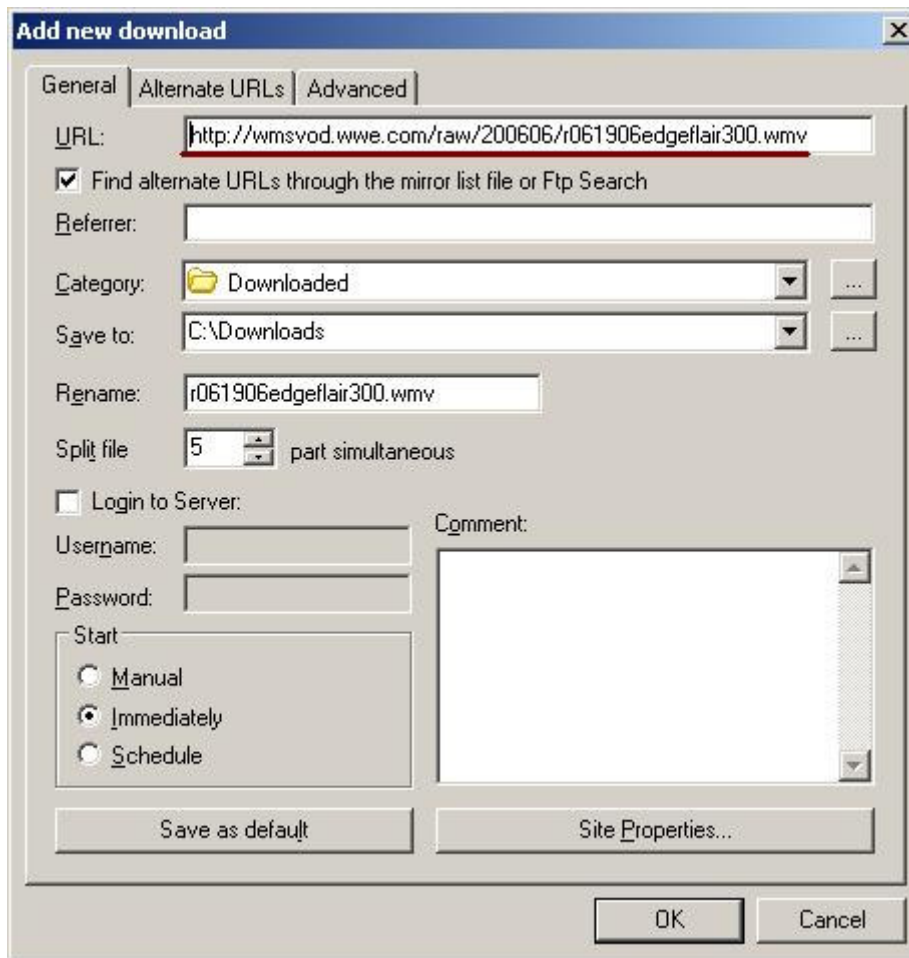


Now we have to replace the "' + speed + '" part with the desired speed. Usually it's 300Kbps so write 300. You can check the "valid" speeds for each file in the source code:

```
var validspeeds = new Array();
validspeeds[0] = 300;
validspeeds[1] = 56;

// Reverse sort Array
validspeeds.sort(function(a,b) { return b-a; });
```

So we use now 300 and our link looks like something:



Now download this file. Usually it's a small file, not our video. But how do we get our video? It's simple. The file we just downloaded was a "link-file" (like I call it). It contains the "real" link for our video. Something like this is inside:

[Reference]

```
Ref1=http://livewms.wwe.com/raw/200606/r061906edgeflair300.wmv?MSWMEExt=.asf  
Ref2=http://64.152.4.179:80/raw/200606/r061906edgeflair300.wmv?MSWMEExt=.asf
```

We need the "Ref1" line. ("Ref2" is the same link, only that it uses the IP address so the DNS server doesn't have to resolve the address – if there are problems downloading the first link try this.) So the link of our .WMV is:

<http://livewms.wwe.com/raw/200606/r061906edgeflair300.wmv>

Now we have to download this file also in FlashGet... But what's this??? We get the same file... This means we have forgotten something. Like I told in the beginning there is a special protocol to handle streaming media: MMS. And we used HTTP. So replace it in the link:

<mms://livewms.wwe.com/raw/200606/r061906edgeflair300.wmv>

And now download. That's it. We have our file!

If you make this procedure often enough you can download every file from WWE.com in just seconds. I use it mostly for press conference download (I can't watch it live because we have 3-4AM in the morning when it's 12AM in the USA), but you can download every bit you want to watch offline. (Recommended for users who have a slow Internet connection and can't watch streaming 300Kbps.)

I mentioned a program before (*StreamDown*) which can do nearly the same. But it's full of bugs, and freezes very often. The only difference between this program and *FlashGet* is, that it doesn't need the ports **554** & **1755** open for download. If port **80** is open (which is always open, because without it you couldn't even browse on the web) then you can download the files. It's very easy to use, just like *FlashGet*, you need the link to the video and hit "Download". Remember, the "real" link was:

<mms://livesms.wwe.com/raw/200606/r061906edgeflair300.wmv>

You can get *StreamDown* from www.cocsoft.com (it's only shareware with a 15 day time limit, but I think you can handle this ;-))

One more last thought: you CAN download also DRM-protected files (PPVs, Heat, Velocity) but you can only watch them if you have a license! Removing the DRM protection is also a very interesting theme which I would like to discuss with you, but it does not belong in this document.

If there are any questions write me: drunkenmaster@freemail.hu