Getting the default file extension for a content-type in JavaScript?

3

1

If I have a content-type, how can I get its default file extension?

For example, given one of these content-types, I should get the following file extensions:

```
+------------------------+----------------+
|      Content-Type      | File Extension |
+------------------------+----------------+
| text/plain             | .txt           |
| application/javascript | .js            |
| application/gzip       | .gz            |
+------------------------+----------------+
```

If there is no way to get these extensions automatically in JavaScript, my next solution would be to create a simple relationship between content-type and file extension in a JavaScript array. Therefore, I would accept an answer which has a simple table/database of the most common content-type and file extensions.

javascript   filenames   content-type

asked Jan 10 '12 at 9:58

Senseful
47.9k ●44 ●211 ●333

2 Answers

0

from nginx

```
types {
    text/html                                html htm shtml;
    text/css                                 css;
    text/xml                                 xml;
    image/gif                                gif;
    image/jpeg                               jpeg jpg;
    application/x-javascript                 js;
    application/atom+xml                     atom;
    application/rss+xml                      rss;

    text/mathml                              mml;
    text/plain                               txt;
    text/vnd.sun.j2me.app-descriptor         jad;
    text/vnd.wap.wml                         wml;
    text/x-component                         htc;

    image/png                                png;
    image/tiff                               tif tiff;
    image/vnd.wap.wbmp                       wbmp;
    image/x-icon                             ico;
    image/x-jng                              jng;
    image/x-ms-bmp                           bmp;
    image/svg+xml                            svg;
    image/webp                               webp;

    application/java-archive                 jar war ear;
    application/mac-binhex40                 hqx;
    application/msword                       doc;
    application/pdf                          pdf;
    application/postscript                   ps eps ai;
    application/rtf                          rtf;
    application/vnd.ms-excel                 xls;
    application/vnd.ms-powerpoint            ppt;
    application/vnd.wap.wmlc                 wmlc;
    application/vnd.google-earth.kml+xml     kml;
    application/vnd.google-earth.kmz         kmz;
    application/x-7z-compressed              7z;
    application/x-cocoa                      cco;
    application/x-java-archive-diff          jardiff;
    application/x-java-jnlp-file             jnlp;
    application/x-makeself                   run;
    application/x-perl                       pl pm;
    application/x-pilot                      prc pdb;
    application/x-rar-compressed             rar;
    application/x-redhat-package-manager     rpm;
    application/x-sea                        sea;
    application/x-shockwave-flash            swf;
    application/x-stuffit                    sit;
    application/x-tcl                        tcl tk;
    application/x-x509-ca-cert               der pem crt;
    application/x-xpinstall                  xpi;
    application/xhtml+xml                    xhtml;
    application/zip                          zip;

    application/octet-stream                 bin exe dll;
    application/octet-stream                 deb;
    application/octet-stream                 dmg;
    application/octet-stream                 eot;
    application/octet-stream                 iso img;
    application/octet-stream                 msi msp msm;

    audio/midi                               mid midi kar;
    audio/mpeg                               mp3;
    audio/ogg                                ogg;
    audio/x-realaudio                        ra;

    video/3gpp                               3gpp 3gp;
    video/mpeg                               mpeg mpg;
    video/quicktime                          mov;
    video/x-flv                              flv;
    video/x-mng                              mng;
    video/x-ms-asf                           asx asf;
    video/x-ms-wmv                           wmv;
    video/x-msvideo                          avi;
    video/mp4                                m4v mp4;
}
```

edited Dec 10 '18 at 14:46   answered Jan 10 '12 at 10:00

Mark Kahn
64.2k ●22 ●141 ●194

While the answer shows which extensions match different mime-types, it doesn't explain how to fetch this info through JavaScript. Consider adding your working? – GroomedGorilla Oct 18 '18 at 12:14

@GroomedGorilla -- No. The work is extremely simple from here and the point of SO isn't to get other people to do you work for you, it's to give you resources to do it yourself. Not only does this answer do just that, but in this specific case this is *exactly what OP asked for, 7 years ago*. If you need help converting it ask a new question, or better yet look it up as there are questions & answers already that will assist you in string parsing. – Mark Kahn Dec 10 '18 at 14:48

7

For Node applications, there is a more up-to-date answer now, which is to use the mime-types NPM package, e.g.:

```
var mime = require('mime-types'),
    fileExtension = mime.extension('text/plain');
```

answered Oct 3 '17 at 16:34

Chris Peacock
1,724 ●17 ●18