

DeviceID.js

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/*
 * A JavaScript designed to collect a variety of information
 * to generate a unique Device Fingerprint (i.e. DeviceID)
 * Version 1.0 (08/18/2014)
 */

document.write("Your Device Information is: <br/>")

var userAgent = navigator.userAgent;
var appName = navigator.appName;
var appCodeName = navigator.appCodeName;
var appVersion = navigator.appVersion;
var appMinorVersion = navigator.appMinorVersion;
var buildID = navigator.buildID;
var platform = navigator.platform;
var cpuClass = navigator.cpuClass;
var oscpu = navigator.oscpu;
var product = navigator.product;
var productSub = navigator.productSub;
var vendor = navigator.vendor;
var vendorSub = navigator.vendorSub;
var language = navigator.language;
var userLanguage = navigator.userLanguage;
var browserLanguage = navigator.browserLanguage;
var systemLanguage = navigator.systemLanguage;
var doNotTrack = navigator.doNotTrack;
var msDoNotTrack = navigator.msDoNotTrack;
var javaEnabled = "No Java";
if (window.navigator.javaEnabled()) javaEnabled="Has Java";
var geolocation = "Geolocation Services Not Available";
if ("geolocation" in navigator) geolocation="Geolocation Services Available";
var cookieEnabled = navigator.cookieEnabled;
var localStorage = navigator.localStorage;
// var plugins = navigator.plugins; (handled in plugin array below)
var OSName = "Unknown";
if (window.navigator.userAgent.indexOf("Windows NT 6.3") != -1) OSName="Windows 8.1";
if (window.navigator.userAgent.indexOf("Windows NT 6.2") != -1) OSName="Windows 8";
if (window.navigator.userAgent.indexOf("Windows NT 6.1") != -1) OSName="Windows 7";
if (window.navigator.userAgent.indexOf("Windows NT 6.0") != -1) OSName="Windows Vista";
if (window.navigator.userAgent.indexOf("Windows NT 5.1") != -1) OSName="Windows XP";
if (window.navigator.userAgent.indexOf("Windows NT 5.0") != -1) OSName="Windows 2000";
if (window.navigator.userAgent.indexOf("Mac")!=-1) OSName="Mac/iOS";
if (window.navigator.userAgent.indexOf("X11")!=-1) OSName="UNIX";
if (window.navigator.userAgent.indexOf("Linux")!=-1) OSName="Linux";

document.write("User Agent: " + userAgent + "<br/>")
document.write("App Name: " + appName + "<br/>")
document.write("App Code Name: " + appCodeName + "<br/>")
document.write("App Version: " + appVersion + "<br/>")
document.write("App Minor Version: " + appMinorVersion + "<br/>")
document.write("Build ID: " + buildID + "<br/>")
document.write("Platform: " + platform + "<br/>")
document.write("CPU Class: " + cpuClass + "<br/>")
document.write("OS CPU: " + oscpu + "<br/>")
document.write("Product: " + product + "<br/>")
document.write("Product Sub: " + productSub + "<br/>")
document.write("Vendor: " + vendor + "<br/>")
document.write("Vendor Sub: " + vendorSub + "<br/>")
document.write("Language: " + language + "<br/>")
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document.write("User Language: " + userLanguage + "<br/>")
document.write("Browser Language: " + browserLanguage + "<br/>")
document.write("System Language: " + systemLanguage + "<br/>")
document.write("Do Not Track: " + doNotTrack + "<br/>")
document.write("MS Do Not Track: " + msDoNotTrack + "<br/>")
document.write("Java: " + javaEnabled + "<br/>")
document.write("Geolocation: " + geolocation + "<br/>")
document.write("Cookies: " + cookieEnabled + "<br/>")
document.write("Web Storage: " + localStorage + "<br/>")
document.write("OS: " + OSName + "<br/>")
document.write("_____<br/>")

var L = navigator.plugins.length;
var seperator1 = "_";
var seperator2 = "/";
var concatPlugins = "";

document.write(
    L.toString() + " Browser Plugin(s)<br>" +
    "Name_Filename_Version<br>"
);

for(var i = 0; i < L; i++) {
    var pluginString =
    navigator.plugins[i].name.concat(seperator1,navigator.plugins[i].filename,seperator1
    ,navigator.plugins[i].version);
    document.write(pluginString + "<br/>");
    var concatPlugins = concatPlugins.concat(pluginString);
}

document.write("_____<br/>")

var req = new XMLHttpRequest();
req.open('GET', document.location, false);
req.send(null);
var headers = req.getAllResponseHeaders().toLowerCase();
document.write("<br/>HTTP Response Headers: " + headers + "<br/>")
document.write("_____<br/>")

var d = new Date();
var n = d.getTimezoneOffset();
var timeZoneOffset = -(n/60);
document.write("<br/>Your Time Zone Offset: " + timeZoneOffset + " hours from UTC.
<br/>")
document.write("_____<br/>")

var width = screen.width;
var height = screen.height;
document.write("<br/>Your Screen Resolution: " + width + " x " + height + "<br/>")
document.write("_____<br/><br/>")

var deviceIDComponents =
userAgent.concat(appName,appCodeName,appVersion,appMinorVersion,buildID,platform,cpu
Class,oscpu,product,productSub,vendor,vendorSub,language,userLanguage,browserLanguage,
systemLanguage,doNotTrack,msDoNotTrack,javaEnabled,geolocation,cookieEnabled,local
Storage,OSName,concatPlugins,headers,timeZoneOffset,width,height);
document.write(deviceIDComponents + "<br/><br/>")

```