Device Detector
A support for device detection and responsiveness of Drupal Websites

Device Detection In Drupal By Monoj

Current World Web Requirements In Need :

- ➤ **Site Responsiveness**

- ➤ **Device Specific Detection and Design**

  - For Desktop

  - For Mobile

  - For Other Devices

Available Drupal Solutions

➢ **Community Modules**

  - Detector

  - Mobile Detect

  - Browser Detection ...

➢ **jQuery Plugins**

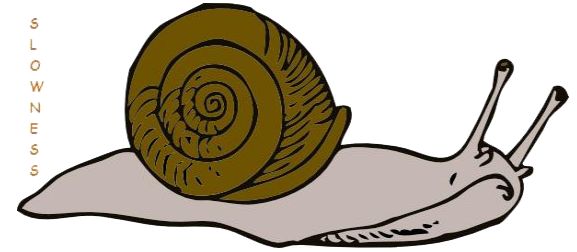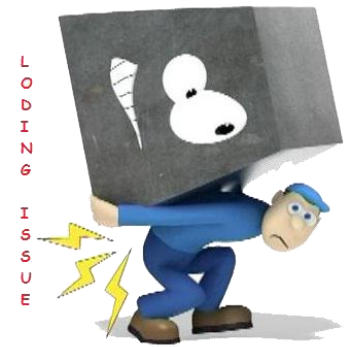# Solution Dependencies :

➢ **Modules**

- Add extra libraries

- Dependency on other community modules

➢ **jQuery Plugins**

- Client end dependency

- Loading issue for slow connectivity.

Solution Crunch :

LODING ISSUE

SLOWNESS

SLOW CONNECTIVITY   +   JERKING EFFECT

Drupal

All In One Solution + How?

DEVICE - DETECTOR

What is Device Detector?

Device Detector is a **simple, PHP-based browser and device(Desktop & Mobile)feature-detection module** that can adapt to new devices & browsers on its own without the need to pull from a central database of browser information.
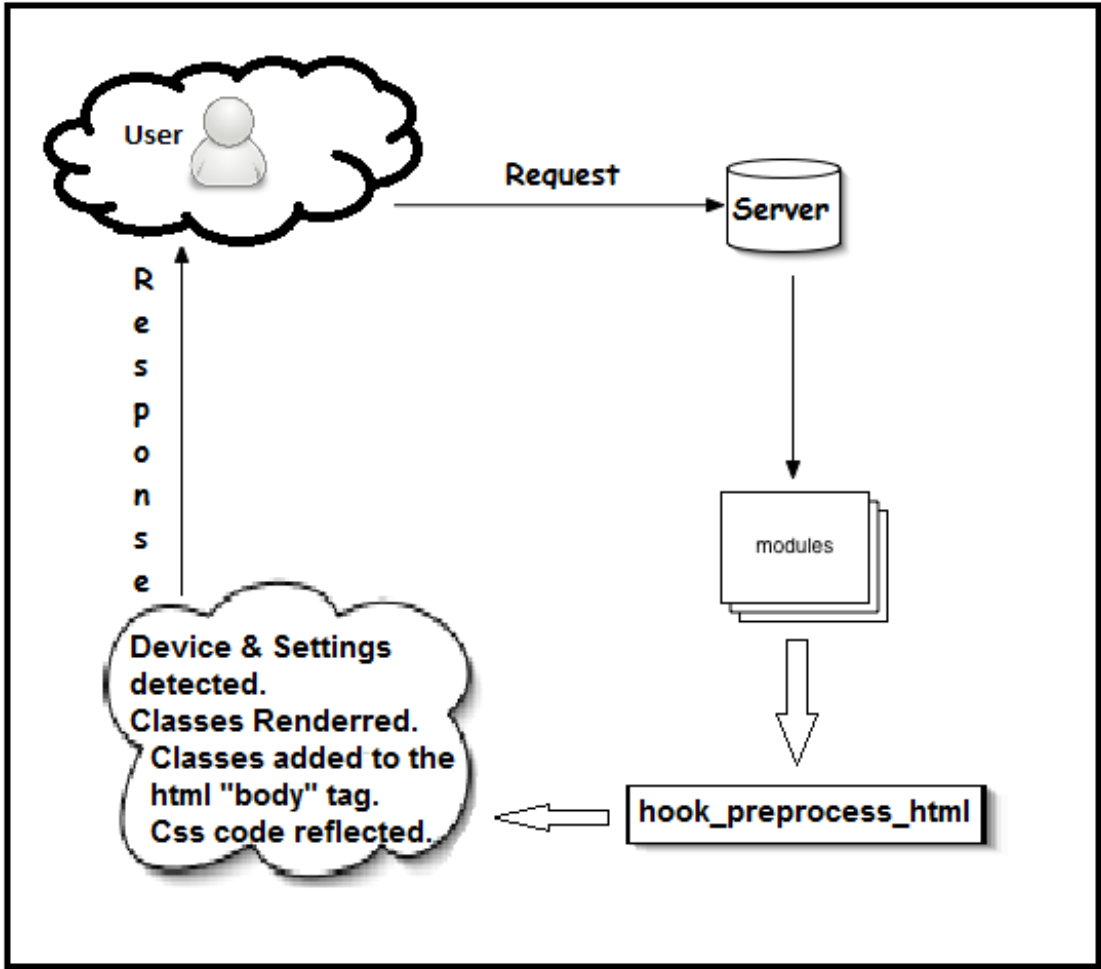
Why would you want to install Device Detector?

➤ There are very few modules and jQuery plugins present for device detection, but each of them has a lot of dependencies on various libraries and supporting modules and results in making the site bulky.

➤ Device Detector is the single package for all of the above solutions.

➤ It does the detection at the time a page gets rendered and does its stuff, thus reducing the complexity of adding various dependent module and libraries, thereby reduces the load time.

What Device Detector Does?

➤ This module provides an **admin configuration section**, where the user can provide **different class names for different conditions(browser & device wise).**

➤ This **class names** are then **added to the html "<body>" tag while the page gets rendered from the server end.**

➤ The **class names** for browsers are **rendered** based on the the admin configurations, **using a browser's(mainly) unique user-agent string as a key.**

➤ **Mobile Detect Library(Mobile Detect Class), included in in the module itself**, is used to collect and record any useful information's(like **OS or device name**) the user-agent string may contain, for rendering classes for **device(Desktop & Mobile)**.

Technical Details :

Usage Benefits

Device Detector allows admin to add class names :

➢ **Browser wise :**
    - Using browser name & its version.
    - Using individual browsers.

➢ **Device wise :**
    - For desktop.
    - For mobile devices.
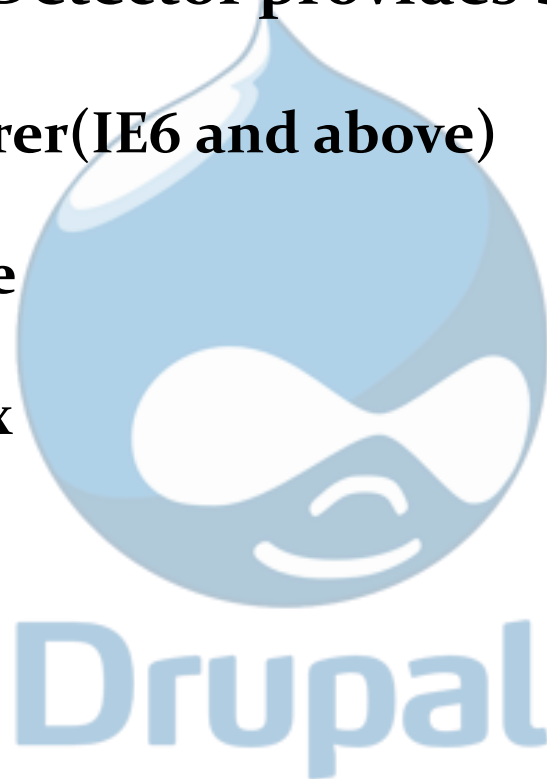   - Customize by mobile device Os.

➢ **Page/Node wise :**
    - Common settings.
    - Customized page url settings.

Browser Support

Currently Device Detector provides browser support for :

- ➤ **Internet Explorer(IE6 and above)**

- ➤ **Google Chrome**

- ➤ **Mozilla Firefox**

- ➤ **Safari**

- ➤ **Opera Mini**

Demos

ENABLED	NAME	VERSION	DESCRIPTION	OPERATIONS		
☐	**Update manager**	7.38	Checks for available updates, and can securely install or update modules and themes via a web interface.			ⓘ Code review
☑	**User**	7.38	Manages the user registration and login system. Required by: Drupal	❓ Help 🔍 Permissions ⚙ Configure		ⓘ Code review

▼ CONTENT

ENABLED	NAME	VERSION	DESCRIPTION	OPERATIONS	
☑	**Device Detector**	7.x-0.1	Provides easy configuration section for customizing site nodes, device and browser-wise.	⚙ Configure	ⓘ Code review

▼ DEVELOPMENT

ENABLED	NAME	VERSION	DESCRIPTION	OPERATIONS		
☑	**Coder**	7.x-2.5	Developer Module that assists with code review and version upgrade Required by: Coder Review (enabled)		⚙ Configure	ⓘ Code review
☑	**Coder Review**	7.x-2.5	"Developer module" which reviews your code identifying coding style problems and where updates to the API are required. Requires: Coder (enabled)	🔍 Permissions	⚙ Configure	ⓘ Code review

Home » Administration » Configuration

Device Detector Settings ⚙

BROWSER SETTINGS   **DEVICE SETTINGS**

▼ WEBPAGE BODY CLASS SETTINGS

Body Common Class Name/Names

```
common
```

Add class names, comma(,) seperated for multiple class names to be added to every page on tag.
eg. class1,class2.

☑ **Add the whole url value as class names.**

Adds all the arguments of the url to every page on tag.
eg. for "front" page it adds default class "home".
eg. for url "param1/param2/param3" the class name would be "param1 param2 param3".
eg. for "node/6" the class name would be "node node-6".

☐ **Add the url's last argument value as class name**

Adds the last argument of the url to every page on tag.
eg. for url "param1/param2/param3" the class name would be param3.
eg. for url "node/6" the class name would be node-6.

☐ **Add Node specific class name**

Adds the class names to the tag specific to node.

▼ BROWSER SPECIFIC CLASS SETTINGS

☑ **Add Browser Name as class Name**

Check this box to add the browser name as the class name to body

☐ **Add Browser along with its Version as class Name**

Check this box to add the browser name with its version as the class name to body

☑ **Add Custom class specific to the browser :: Google Chrome**

Chrome specific Class Name/Names

```

```

Add class names, comma(,) seperated for multiple class names to be added to every page on body
eg. class1,class2....

☑ **Add Custom class specific to the browser :: Mozilla Firefox**

Firefox specific Class Name/Names

```

```

Add class names, comma(,) seperated for multiple class names to be added to every page on body
eg. class1,class2....

☐ **Add Custom class specific to the browser :: Internet Explorer**

☐ **Add Custom class specific to the browser :: Safari**

☐ **Add Custom class specific to the browser :: Opera Mini**

Save configuration

Device Detector Settings ⊕

BROWSER SETTINGS   **DEVICE SETTINGS**

▼ DESKTOP SETTINGS

Common Class Name/Names for Desktop Device

[   ]

Add class names, comma(,) separated for multiple class names to be added to every page on body eg. class1,class2....

▼ OTHER DEVICE SETTINGS

Common Class Name/Names for Devices other than Desktop

[   ]

Add class names, comma(,) separated for multiple class names to be added to every page on body eg. class1,class2....

☐ **Add Device Name as class Name**
   Check this box to add the device name as the class name to body

☐ **Add Device OS Name as class Name**
   Check this box to add the device OS name as the class name to body

Save configuration

Queries ?

Thank You...

Drupal