Configure Adaptive Image

To configure adaptive image module you should have some content like Article or basic page in your site with image.

And install any theme into your drupal and enable new theme to add **adapt.ja** file.

Note:- All the requires files and modules are places in source folder.

Note :- And also ais modules is error free. You don't need to modify ais.module file.

Steps:-

1. Download adaptive_image module
   Download : Drush dl adaptive_image
   Enable : drush –y en adaptive_image
2. Download adaptive image style(ais) module.
   Download : Drush dl ais
   Enable : drush –y en ais
3. In ais there is some issue we need to salve before configure.
   a. Open ais.htaccess.patch file and copy below code and paste in your **.htaccess** file.

   Before

   # Pass all requests not referring directly to files in the filesystem to

    # index.php. Clean URLs are handled in drupal_environment_initialize().

    RewriteCond %{REQUEST_FILENAME} !-f

AIS: Adaptive Image Style

RewriteBase /domain/..

RewriteCond %{REQUEST_URI} ^(.+)/files/styles/adaptive/(.+)$

RewriteCond %{REQUEST_URI} !/modules/image/sample.png

RewriteCond %{HTTP_COOKIE} ais=([a-z0-9_-]+)

RewriteRule ^(.+)/files/styles/adaptive/(.+)$ $1/files/styles/%1/$2
[R=302,L]

Where, **/ domain** is your installation directory name.

b. After this there is one another issue we need to solve in **ais.module**
   file

   Replace this two line in
    function ais_image_style_deliver($style, $scheme) {

   // First check that an adaptive style is being requested.
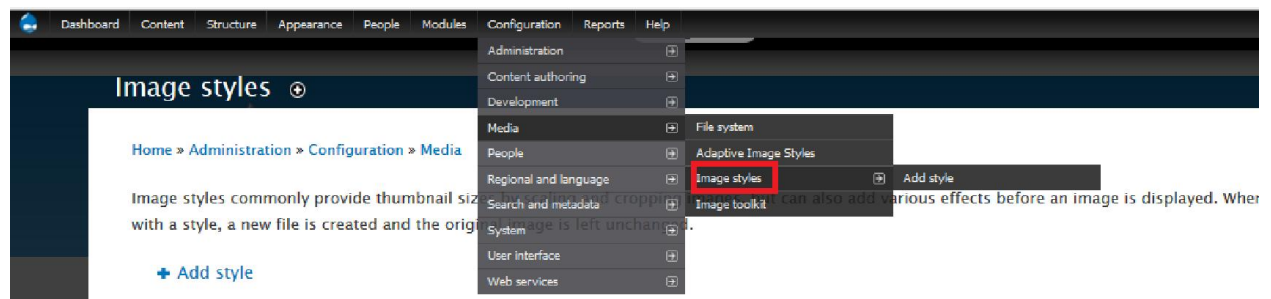 $ais_adaptive_styles = variable_get('ais_adaptive_styles', array());
      $bypass = isset($style['name']) && _ais_is_used($style['name'],
   $ais_adaptive_styles);
    // Next check that a valid token for the main adaptive style is
   present.

c. Now go to Configure > Media > image style

d. Next screen there is some pre defined styles available select adaptive and edit it for make image adaptive. Otherwise you can choose other to apply fix width.

e. Click on Override default button to add new style.

f. Select Effect to Adaptive from dropdown box and click on add button.
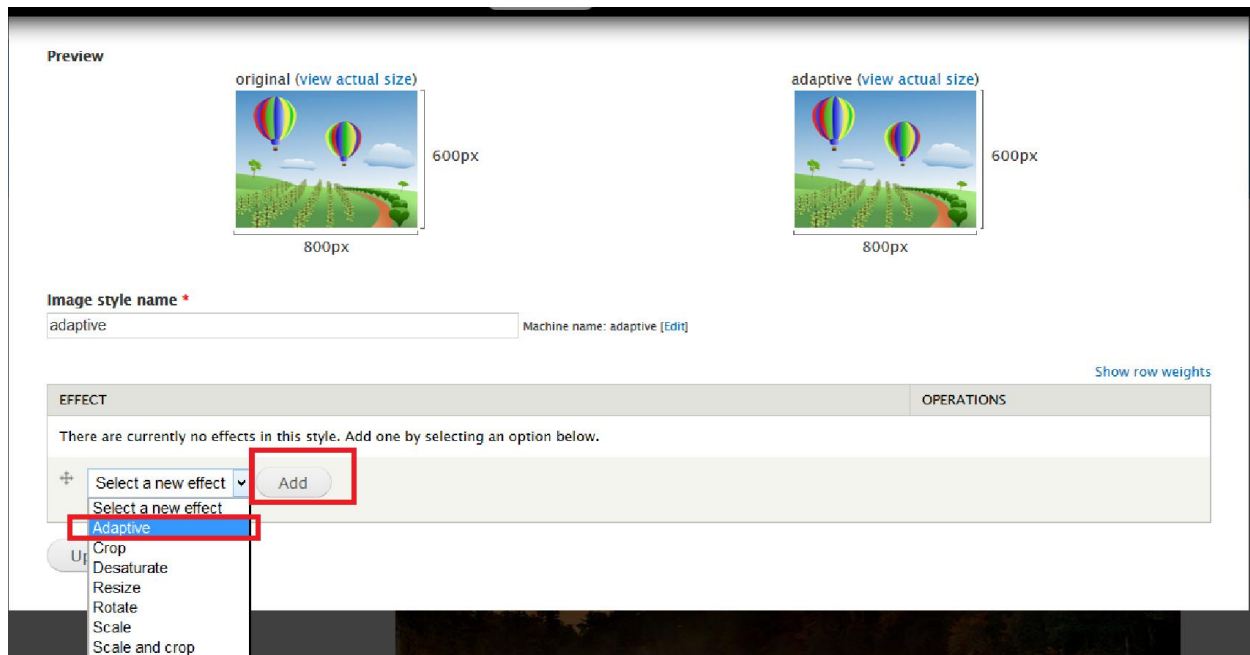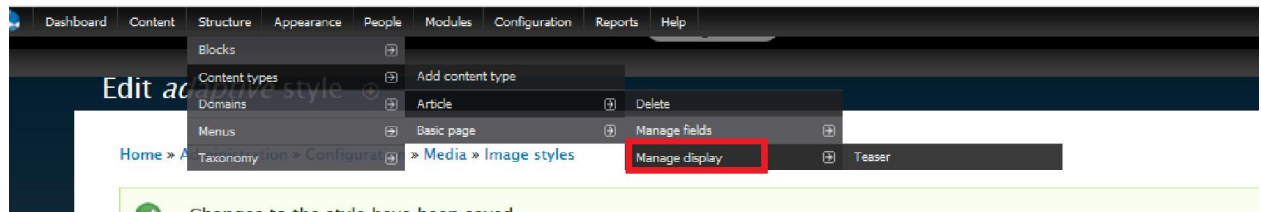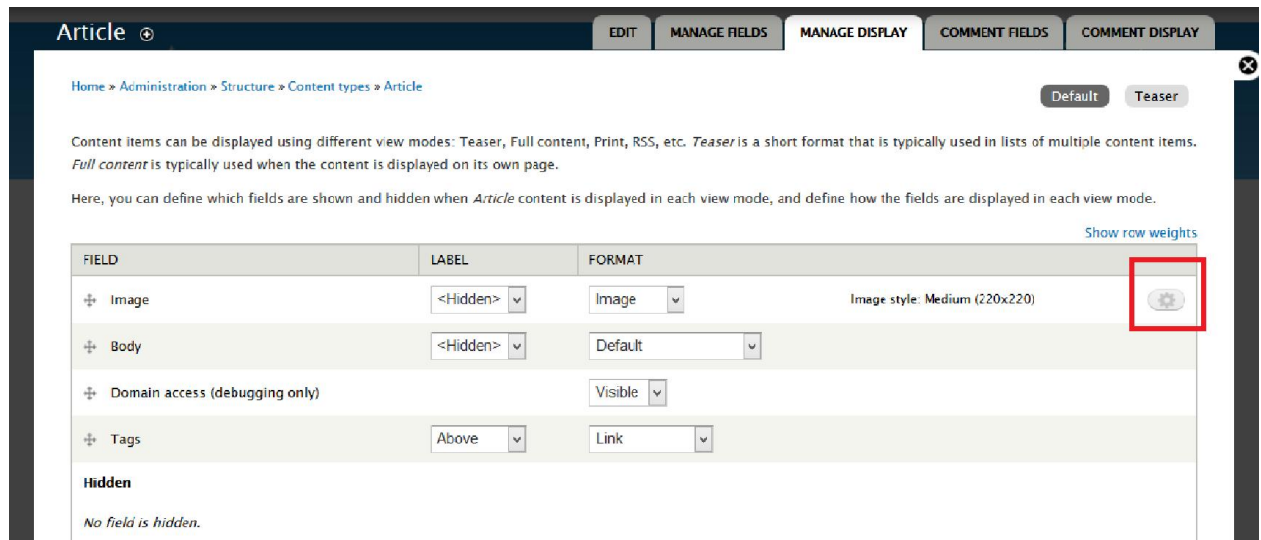
g. Click on Add button Here you.
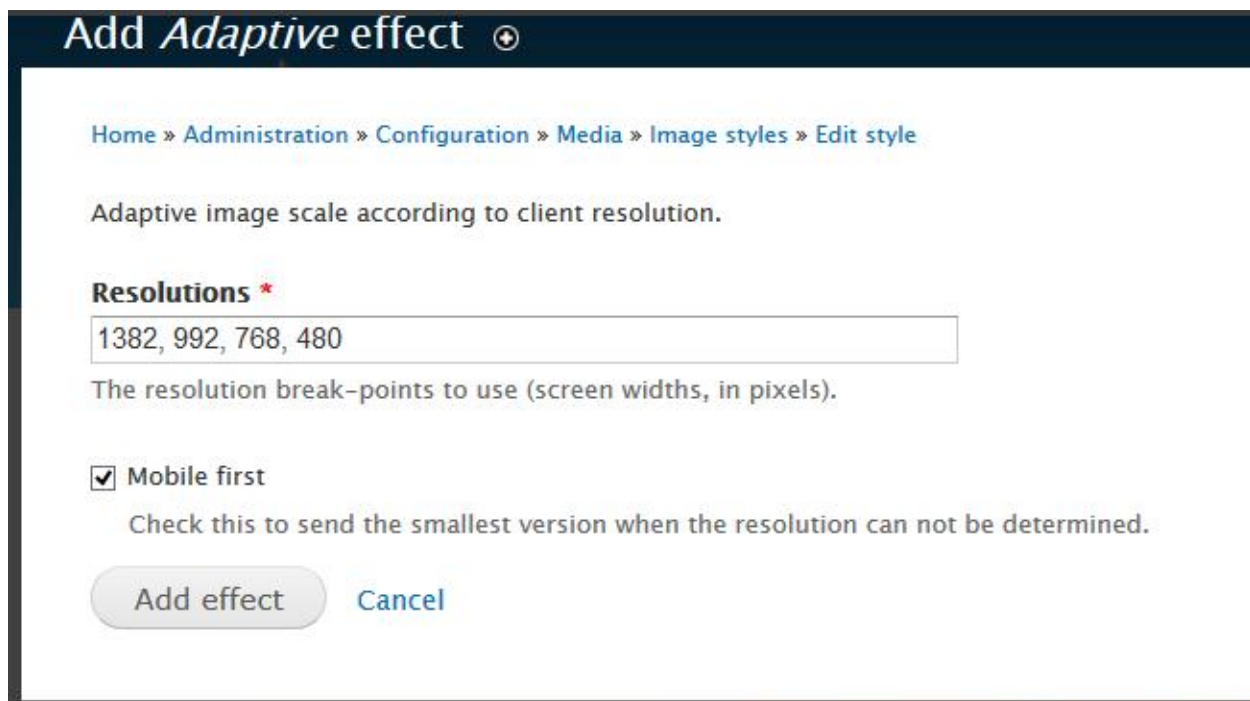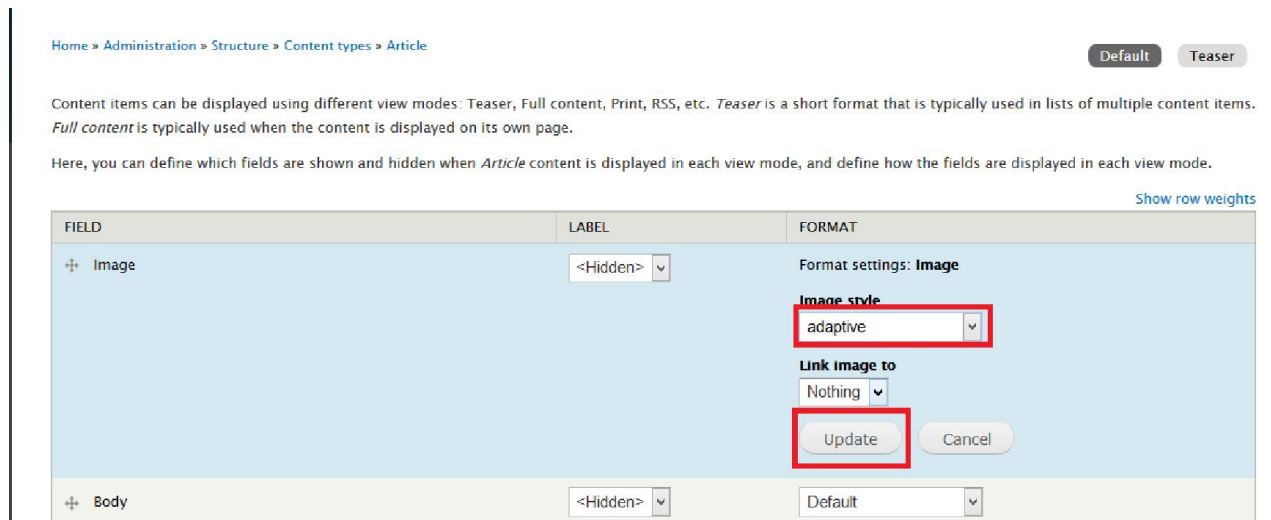

a. Click on Add effect. Here you can define more break points.

b. Click on Update style to save new style.

4. Next go to Structure > content type > article > manage display

5. Click on configuration icon to apply new adaptive image style.

6. Select image style Adaptive from dropdown box.

7. Then Save settings for content type.

Content items can be displayed using different view modes: Teaser, Full content, Print, RSS, etc. *Teaser* is a short format that is typically used in lists of multiple content items. *Full content* is typically used when the content is displayed on its own page.

Here, you can define which fields are shown and hidden when *Article* content is displayed in each view mode, and define how the fields are displayed in each view mode.

Show row weights

FIELD	LABEL	FORMAT		
⊹ Image	<Hidden> ⌄	Image ⌄	Image style: adaptive	⚙
⊹ Body	<Hidden> ⌄	Default ⌄		
⊹ Domain access (debugging only)		Visible ⌄		
⊹ Tags	Above ⌄	Link ⌄		
Hidden				
No field is hidden.				

▸ CUSTOM DISPLAY SETTINGS

Save

8. Now we will add **adapt.js** file into our js folder.
   a. Go to http://adapt.960.gs/ and download zip file.

DEFAULT CSS FILES & WIDTHS

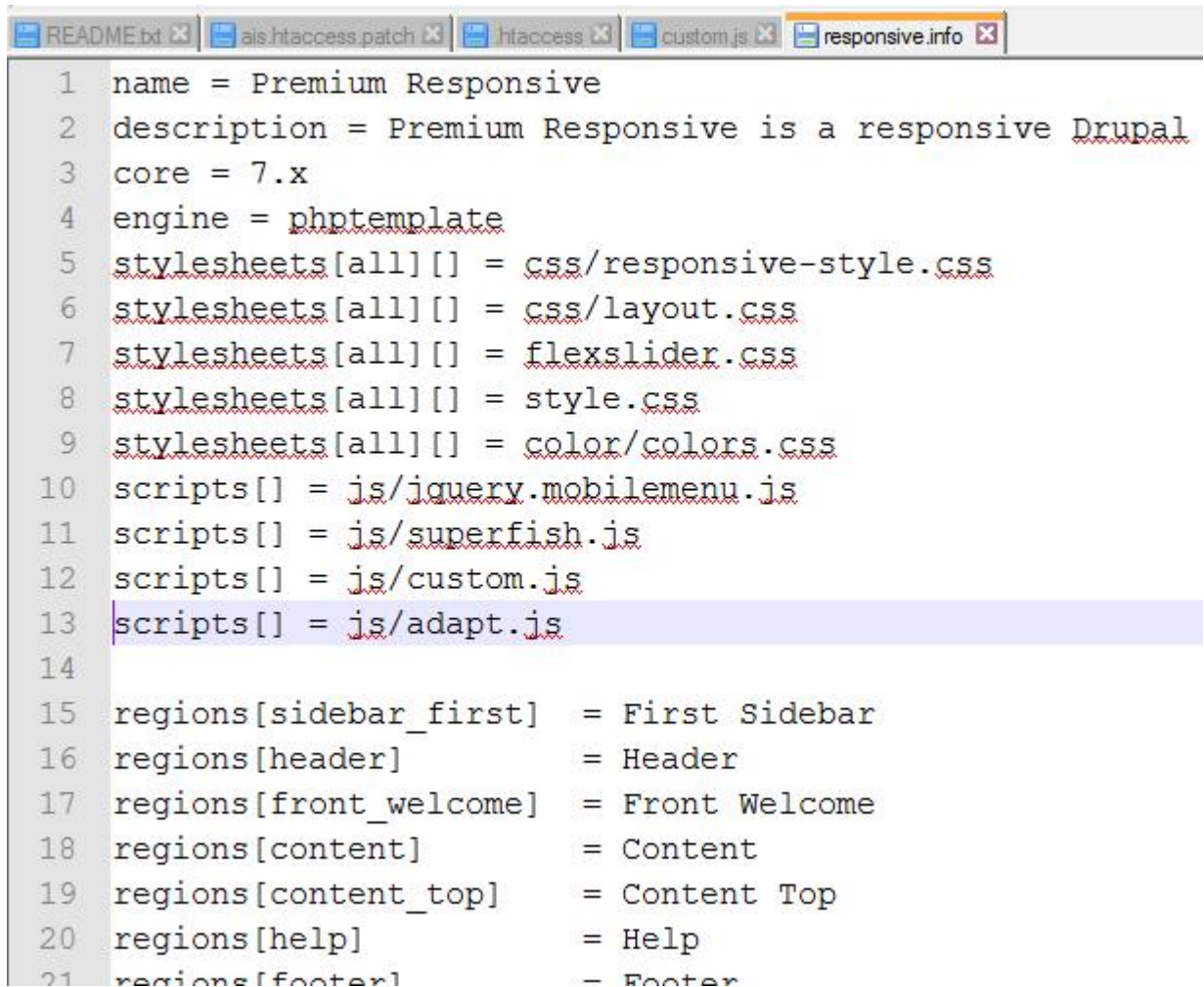| File Name	Screen Width
mobile.css	below 760px
720.css	760px to 980px
960.css	980px to 1280px
1200.css	1280px to 1600px
1560.css	1600 to 1940px
1920.css	1940px to 2540px
2520.css	above 2540px

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   b. Extract downloaded file and find adapt.js file.
   c. Define adapt.js file in your theme's info file.(
      C:\xampp\htdocs\igate\domain\sites\all\themes\responsive)

add this line after custome.js file

scripts[] = js/adapt.js

```
README.txt ☒  ais.htaccess.patch ☒  htaccess ☒  custom.js ☒  responsive.info ☒
  1  name = Premium Responsive
  2  description = Premium Responsive is a responsive Drupal
  3  core = 7.x
  4  engine = phptemplate
  5  stylesheets[all][] = css/responsive-style.css
  6  stylesheets[all][] = css/layout.css
  7  stylesheets[all][] = flexslider.css
  8  stylesheets[all][] = style.css
  9  stylesheets[all][] = color/colors.css
 10  scripts[] = js/jquery.mobilemenu.js
 11  scripts[] = js/superfish.js
 12  scripts[] = js/custom.js
 13  scripts[] = js/adapt.js
 14
 15  regions[sidebar_first]  = First Sidebar
 16  regions[header]         = Header
 17  regions[front_welcome]  = Front Welcome
 18  regions[content]        = Content
 19  regions[content_top]    = Content Top
 20  regions[help]           = Help
 21  regions[footer]         = Footer
```

Save file.

d. Go to your theme's js folder mine is (C:\xampp\htdocs\igate\domain\sites\all\themes\responsive\js) and paste adapt.js file here.

    i. Now open custom.js file and add this code into custome.js file at the end of the page .

```
// Edit to suit your needs.
var ADAPT_CONFIG = {
  // Where is your CSS?
  path: '../css/',
```

```
// false = Only run once, when page first loads.
// true = Change on window resize and page tilt.
 dynamic: true,

 // Optional callback... myCallback(i, width)
 callback: myCallback,

 // First range entry is the minimum.
 // Last range entry is the maximum.
 // Separate ranges by "to" keyword.
 range: [
   '0px     to 760px  = mobile.css',
   '760px  to 980px  = 720.css',
   '980px  to 1280px = 960.css',
   '1280px to 1600px = 1200.css',
   '1600px to 1920px = 1560.css',
   '1940px to 2540px = 1920.css',
   '2540px          = 2520.css'
 ]
};
```

   e. Now create above six css in your themes css folder.


    f. You just copy and paste from document we shared to you.
(Day 2\2.8 Performance optimization on shared hosting\Adaptive)
Find above six image and paste into your
(C:\xampp\htdocs\igate\domain\sites\all\themes\responsive\css)
path

g. In above css we defined deferent styles for different width so, based on the with css will be apply.

9. Now go to your sites home page and open any article page that has image file.

10. You can see that image is displayed in 992 x 558 (width / height) pixel.

11. Save displayed image and check size of saved image.

In my case image size is 80.7 kb
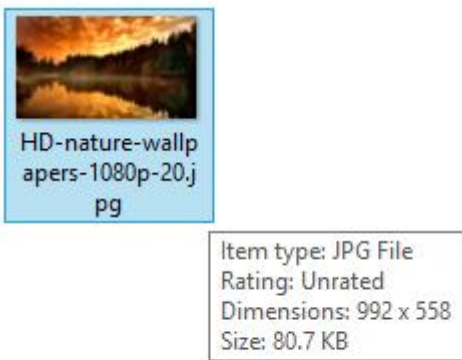
12. Now turn your screen size to mobile view. And refresh page.

13. Check image width and height. In my case it is 220 x 124(width/height).

14. Now save this image and again check image size.

In my case saved image size is 6.95 kb.
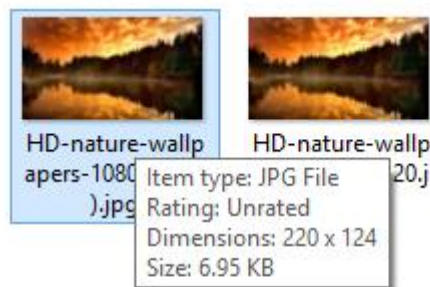
15. So we successfully configured adaptive image module.

So when we view image in mobile it's rendered in small size so we can optimize our site performance and increase page load speed to render content. It decrease data usage also.