

## Samples of my Front-End work at Intel

From [www.appdeveloper.intel.com](http://www.appdeveloper.intel.com) here are some samples of my Front-End work that includes Fluid Cross-Browser CSS, JavaScript, JQuery, AJAX, Form Validation and Usability.

### Fluid Cross-Browser CSS

The boxes like the ones below were previously drawn in photoshop and used as a background on each content area. You can imagine how many different sizes boxes were there all over the site. Problem was once the content had to be updated in one place, the background boxes had to get re-drawn every time the content changed.

I fixed the issue by designing classes that could be applied to any similar div, and can be expanded to sides and up and down. I created the gradients, shadows, rounded corners, borders with css3 that looks the same on all browsers. I used PIE hack to make it work on IE. No images were used. No more redrawing of boxes needed with content updates.

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```
.box5{
padding: 20px 30px 30px;
-moz-border-radius: 5px; /*Firefox*/
-webkit-border-radius: 5px; /*Chrome, Safari*/
border-radius: 5px; /*CSS3*/
background: #ccc; /*For non-CSS3 Browsers*/
background: linear-gradient(#E2E2E2 7%,
#FFFFFF 24%,
#FFFFFF 6%,
#F7F7F7 84%); /*CSS3*/
background: -webkit-gradient(linear, left top, left bottom,
color-stop(0.07, #E2E2E2),
color-stop(0.24, #FFFFFF),
color-stop(0.66, #FFFFFF),
color-stop(0.84, #F7F7F7)); /* Chrome, Safari*/
background: -moz-linear-gradient(center top ,
#E2E2E2 7%,
#FFFFFF 24%,
#FFFFFF 6%,
#F7F7F7 84%); /*Firefox*/
-IE-background: linear-gradient(#E2E2E2 7%,
#FFFFFF 24%,
#FFFFFF 6%,
#F7F7F7 84%); /* IE with pie hack*/
behavior: url(/sites/all/themes/intel_ggate/css/PIE.htc); /*
}
```



#### How To Guides

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A little different technique where images were used on left and right of div to make the box fluid. Take a look at the light blue box on the right side and how it expands based on content that's put inside it.



When user logs in the my dashboard section expands the div to how much space is needed to fit the content in dashboard section, but never touches the logo on the left.



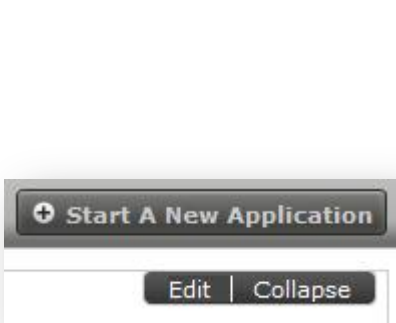
The div adjusts to fit the content into it.



Buttons shrink or expand based on the label they have.



In English and in French



## JavaScript

Used JavaScript that, based on user selection, gave the user customized options in the next field.

Based on user's choice of Runtime, the OS Platform and Device type is populated with JavaScript.

The image shows two side-by-side screenshots of a 'System Requirements' form. Both screenshots have the same title and 'Supported Runtime' dropdown menu. The left screenshot shows 'Adobe AIR' selected, which populates the 'Supported OS Platforms' list with 'Windows XP', 'Windows\* 7 32 bit', and 'Windows\* 7 64 bit', and the 'Supported Device Type(s)' list with 'Netbook' and 'Laptop'. The right screenshot shows 'Meego Native' selected, which populates the 'Supported OS Platforms' list with 'MeeGo' and the 'Supported Device Type(s)' list with 'Netbook'.

Supported Runtime	Supported OS Platforms	Supported Device Type(s)
Adobe AIR	Windows XP Windows* 7 32 bit Windows* 7 64 bit	Netbook Laptop
Meego Native	MeeGo	Netbook

Also since it's a form that users are able to save and come back to later, I need to populate the options that were selected by user previously with when they return back to this form. This is done with pure JavaScript plus tested on all browsers.

## JQuery - Simple show/hide/pop ups/expandable text area and etc...

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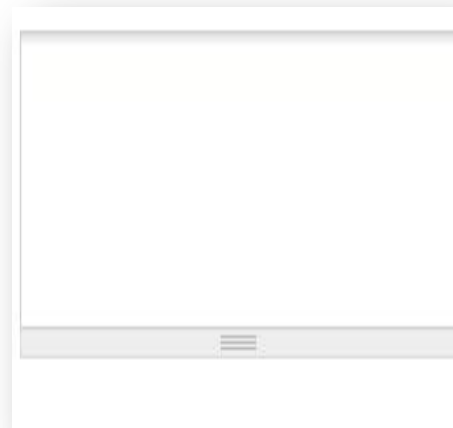
Eclipse Public License

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 **Help** ✕

The primary screenshot displays on the application detail page. Up to four additional screenshots may be shown as part of a gallery on the same page (optional). TIP: A screenshot depicting your application in use is the recommended visual to be shown. Screenshot must be 820 X 480 pixels. It must be a .gif or .jpg or .png file. We will generate additional image(s) of size 410 X 240 pixels for store usage.



## AJAX



The screenshot shows two components. On the left is a file preview area with a thumbnail of yellow flowers, a close button (X), and a 'Choose file...' button. On the right is a 'Package Name:' form with a text input containing 'Test' and a 'Check Availability' button with a loading spinner.



The screenshot shows an 'Upload RPM installer:' form with an 'Upload file' button and a message: 'Successfully uploaded: test.rpm'.

## Forum Validation



The screenshot shows a 'Support Information' form with two input fields: 'Support Email: \*' and 'Support URL:'.

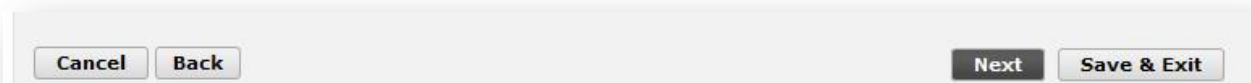


The screenshot shows a 'Package Name:' form with a text input containing 'Test' and a 'Check Availability' button. Below the button is a red-bordered error message: 'The package name is taken. Please try again.'

## Usability



Let users know what step they are on as they progress



The screenshot shows a navigation bar with four buttons: 'Cancel', 'Back', 'Next', and 'Save & Exit'. The 'Next' button is highlighted in a darker color.

Easy to navigate with help of colors and positioning