

YUI to YUI3 Cheatsheet

With [YUI3](#) out in a stable release, it's time to move from global YAHOO. to YUI() scripting of your widgets. This cheatsheet is used as introduction for people who are thinking of moving from YUI2 to YUI3. Note that "Y." used in this cheatsheet for YUI3 and also on [Yahoo! Developer](#) comes from initializing YUI: `YUI().use("...", function(Y){ Y.[...] });`.

Idea to publish this came from the [jQuery->YUI3](#) tombstone. Update: I'm hiring [frontenders!](#)

Sample HTML

```
<div id="demo"><span id="close">X</span>
  <h2>Hello YUI</h2>
  <ul>
    <li>item 1</li>
    <li>item 2</li>
  </ul>
</div>
```

Cheatsheet

YUI 2.*	YUI 3	
<code>YAHOO.util.Event.addListener("demo", "click", helloWorld);</code>	<code>Y.on("click", helloWorld, "#demo");</code>	Add class to subcontainer, extend helloWorld
<code>YAHOO.util.Selector.query("h2", "demo", true).innerHTML = "Hello World";</code> <code>YAHOO.util.Dom.get("demo").getElementsByTagName("h2")[0].innerHTML = "Hello World";</code>	<code>Y.one("#demo h2").set("innerHTML", "Hello World");</code>	Set the innerHTML of the demo
good explorer		
<code>var elements = YAHOO.util.Selector.query("li", "demo");</code> <code>for(var i = 0; i < elements.length; i++){</code> <code>YAHOO.util.Event.addListener(elements[i], "click", onClick);</code> <code>}</code>	<code>Y.all("#demo li").on("click", onClick);</code>	Add onclick to nodes
<code>YAHOO.util.Dom.getViewportHeight()</code>	<code>Y.one("body").get("winHeight");</code>	Get the height
<code>YAHOO.util.Event.onDOMReady(function(){</code> <code>YAHOO.util.Dom.setStyle("demo", "backgroundColor", "#D00050");</code> <code>}</code>	<code>YUI().use("node", function(Y) {</code> <code>Y.one("#demo").setStyle("backgroundColor", "#D00050");</code> <code>});</code>	Create loading module, work with element style.
<code>YAHOO.env.ua.ie YAHOO.env.ua.webkit</code>	<code>Y.UA.ie Y.UA.webkit</code>	More
<code>YAHOO.lang.isNumber(4) YAHOO.lang.isBoolean(false);</code>	<code>Y.Lang.isNumber(4) Y.Lang.isBoolean(false);</code>	More
<code>YAHOO.util.Element("li");</code>	<code>Y.Node.create("")</code>	Create element
<code>...</code>	<code>...</code>	What to see at
<code>var anim = new YAHOO.util.Anim("demo", {</code> <code>height: { to: 0 }</code> <code>}, 100, YAHOO.util.Easing.easeOut);</code> <code>anim.animate();</code>	<code>var anim = new Y.Anim({</code> <code>node: "#demo",</code> <code>to: { height: 0 },</code> <code>easing: Y.Easing.backOut,</code> <code>duration: 0.1</code> <code>});</code> <code>anim.run();</code>	Chain subcontainer function, onEnd so also unsub, this, onEnd
		More
<code>var load = {</code> <code>myComplete:function(o) { [...] },</code> <code>myRequest:function() {</code> <code>YAHOO.util.Connect.asyncRequest("GET", "get.php?user=1", myCallback);</code> <code>}</code> <code>};</code> <code>var myCallback = {</code> <code>success:load.myComplete,</code> <code>scope: load</code> <code>}</code> <code>load.myRequest();</code>	<code>var load = { myComplete: function(id, o, args) { [...] } };</code> <code>var cfg = {</code> <code>on: {</code> <code>complete: load.myComplete</code> <code>},</code> <code>context: load</code> <code>};</code> <code>Y.io("get.php?user=1", cfg);</code>	Loads file through XMLHttpRequest
		More
<code>var overlay = new YAHOO.widget.Overlay("demo", {</code> <code>visible:true,</code> <code>}</code>	<code>var overlay = new Y.Overlay({</code> <code>contentBox: "#demo",</code> <code>}</code>	Simple and hi

```
        width:"10em",
        height:"10em",
        xy:[100, 150]}.render();

YAHOO.util.Event.addListener("close", "click", overlay.hide, overlay, true);
```

```
var loader = new YAHOO.util.YUILoader({

    require: ["event","yahoo","dom"],
    loadOptional: true,

    onSuccess: function() {
        initPage();
    },
    timeout: 10000,
    combine: true
});
loader.insert();
```

```
YAHOO.log("log message");
```

```
        width:"10em",
        height:"10em",
        visible:true,
        shim:false,
        xy:[100, 150]}.render();
```

```
Y.on("click", function() {
    overlay.close();
}, "#close");
```

```
YUI({
    loadOptional: true,
    combine: true,
    timeout: 10000
}).use("node","dom", function(Y) {
    initPage(Y);
});
```

```
Y.log("log message");
```

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As you can see the list is far from complete, when demand is high I'll continue adding cases. I'm currently working on a more extensive example function on both YUI2 and YUI3 to compare code.
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