

Internet Explorer Cheat Sheet

Getting Started

<code>require 'cl/iec'</code>	Load the IEController library
<code>iec = ClIEController.new(true)</code>	Start IE
<code>iec.navigate("url")</code>	Go to specified URL.
<code>iec.wait</code>	Wait until IE is no longer busy

Forms

<code>form = IEDomFormWrapper.new(iec.form)</code>	Access the form on the current web page.
<code>form.name</code>	Return the name of the form
<code>form.action</code>	Return the action of the form
<code>iec.document.forms.each { x puts x.name}</code>	Display the names of all the forms on the page
<code>iec.document.forms(x)</code>	Access a specific form on a page, where x is a number (zero-index)
<code>iec.document.forms('name')</code>	Access a specific form by name

Controls

<code>form.elements.each { x puts x.name}</code>	Print the names of the controls in a form (in order)
<code>form.name = value</code>	Set the text field named "name" to the specified value.
<code>form.name = true</code>	Check the check box named "name". (Uncheck: <i>false</i>)
<code>form.elements('name').click</code>	Click the button with the specified name.
<code>form.name</code> or <code>form.elements('name')</code>	Return the current value of the named control.
<code>form.elements.each { x return x if x.value == 'value'}</code>	Return the control with the specified value

Internet Explorer Cheat Sheet

Page 2

Accessing the Document Object Model

<pre>dv = ClIEDomViewer.new(ie) root = dv.htmlRootNode dv.buildNodeWrapperTree(root)</pre>	Create a DOM viewer for the current page.
<pre>dv.outputDom</pre>	Display the nodes and values of the current document
<pre>message = dv.getNodeWrapperFromPath('nodename') message.node.nodeValue</pre>	Return the value of a specific node

Accessing the HTML

<pre>ie.document.getElementsByTagName("HTML").item(0).outerHtml</pre>
Extract the HTML for the current page

Methods for Objects

<pre>object.methods</pre>	Return the Ruby methods for the given object.
<pre>object.ole_methods</pre>	Return the OLE methods for a given WIN32OLE object.
For full documentation of the OLE methods for Internet Explorer objects see http://msdn.microsoft.com/workshop/browser/webbrowser/reference/Objects/InternetExplorer.asp	