



*Click***Start** 

# Strategies for User Assistance

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# Overview

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- Create sliding, fading, and expanding/collapsing UA
- Pulling content from a database
- Pulling content from another file
- Providing link previews
- Allowing users to annotate content
- Allowing users to customize content
- Allowing users to rate content

# Sliding UA

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- ❑ [github.com/madrobby/scriptaculous/wiki/effect-slidedown](https://github.com/madrobby/scriptaculous/wiki/effect-slidedown)
- ❑ [github.com/madrobby/scriptaculous/wiki/effect-slideup](https://github.com/madrobby/scriptaculous/wiki/effect-slideup)
- ❑ [www.dhtmlgoodies.com/index.html?whichScript=slide\\_in\\_pane](http://www.dhtmlgoodies.com/index.html?whichScript=slide_in_pane)

# Fading UA

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- [blog.jeremymartin.name/2008/02/jtruncate-in-action.html](http://blog.jeremymartin.name/2008/02/jtruncate-in-action.html)
- [wiki.github.com/madrobby/scriptaculous/effect-puff](http://wiki.github.com/madrobby/scriptaculous/effect-puff)

# Expanding and collapsing UA

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- [henrik.nyh.se/examples/truncator](http://henrik.nyh.se/examples/truncator)
- [plugins.learningjquery.com/expander/demo/index.html](http://plugins.learningjquery.com/expander/demo/index.html)
- [www.barelyfitz.com/projects/truncate](http://www.barelyfitz.com/projects/truncate)

# Pulling content from a database - ASP

---

```
Dim objConn
Set objConn =
Server.CreateObject("ADODB.Connection")
objConn.Open "DRIVER={Microsoft Access Driver
(*.mdb)};
DBQ=" & Server.MapPath("\db\fieldhelp.mdb")

Dim objRS
Set objRS = Server.CreateObject("ADODB.Recordset")
objRS.Open "Tutorial", objConn,,, adCmdTable
```

# Pulling content from a database - ASP

```
Do While Not objRS.EOF
If Request.QueryString = objRS("FieldID") Then
If objRS("HlpTextCustom") <> "" Then
    Response.Write "<b>"& objRS("FieldLabel") & "</b><br>"
    &
    objRS("HlpTextCustom")
Else
    Response.Write "<b>"& objRS("FieldLabel") & "</b><br>"
    &
    objRS("HlpText")
End If
End If
objRS.MoveNext
Loop
```

# Pulling content from a database - PHP

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- [www.w3schools.com/PHP/php\\_ajax\\_database.asp](http://www.w3schools.com/PHP/php_ajax_database.asp)

# Pulling content from another file

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```
// most browsers
if (window.XMLHttpRequest) { xmlhttp = new XMLHttpRequest(); }
// IE6 and IE5
if (window.ActiveXObject) { xmlhttp =
new ActiveXObject("Microsoft.XMLHTTP");
}
xmlhttp.open("GET","helpTopic.htm",true);
xmlhttp.onreadystatechange=function() {
if (xmlhttp.readyState==4) {
document.getElementById('helpPane').innerHTML =
xmlhttp.responseText;
document.getElementById('helpPane').style.display = "block";
} }
xmlhttp.send(null);
```

# Link previews

netflix.com

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### Blu-ray

Netflix carries nearly 500 Blu-ray DVDs

**Casino Royale (2006)**

Martin Campbell (GoldenEye) directs this film adaptation (the 21st of the Bond franchise) of Ian Fleming's first novel. Daniel Craig debuts as the new Bond who takes on a corrupt financier (Mads Mikkelsen) in a showdown of Texas Hold 'Em. You'll learn Bond's back story as the action-packed film takes you to the Bahamas, Madagascar and other exotic locales. Eva Green stars as Vesper Lynd, and the sublime Judi Dench reprises her role as M.

**Starring:** Daniel Craig, Judi Dench  
**Director:** Martin Campbell  
**Genre:** Action & Adventure  
**MPAA:** PG-13

★★★★ 3.9 Customer Average

Other titles shown: The Queen, DeJa Vu, The Pursuit of Happyness, Blood Diamond, The Holiday, The Devil Wears Prada, The Da Vinci Code, Syriana.

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# Link previews

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## Link code

```
<a href="javascript:void(0);" onMouseOver="toggleUA(this)" ↵  
onMouseOut="toggleUA(this)" id="helpLink">link goes here</a>
```

# Link previews

---

```
// most browsers
if (window.XMLHttpRequest) {
    xmlhttp = new XMLHttpRequest();
}
// IE6 and IE5
if (window.ActiveXObject) {
    xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
}

xmlhttp.open("GET","helpTopic.htm",true);
xmlhttp.onreadystatechange=function() {
    if (xmlhttp.readyState==4) {
```

# Link previews

---

```
document.getElementById('helpPane').innerHTML =  
"<span id='helpPointer'></span>" + xmlhttp.responseText;  
document.getElementById('helpPane').style.top = obj.offsetTop;  
document.getElementById('helpPane').style.left = 20 + 9 *  
obj.innerText.length;  
document.getElementById('helpPane').style.display = "block";  
} }  
xmlhttp.send(null);
```

# User annotations

---

## **When should I create a new project?**

You should create a new project for each billable task. Some clients will have multiple projects.

## **Should each team member use their own project?**

Multiple team members can use the same project.

[Add note](#)

# User annotations

## When should I create a new project?

You should create a new project for each billable task. Some users will have multiple projects.

## Should each team member have their own project?

Multiple team members can work on the same project.

Add note

Type your content below. You can use html tags such as `<b>` and `<i>` if needed.

Add

# User annotations

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Add note

Type your content below. You can use html tags such as `<b>` and `<i>` if needed.

Leave the `<b>Completion Date</b>` blank if it is unknown.

Add

# User annotations

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## When should I create a new project?

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### Notes

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Leave the **Completion Date** blank if it is unknown.

[Add note](#)

# User annotations

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- ❑ [dbachrach.com/blog/2007/01/07/create-flickr-like-editing-fields-using-ajax-css/](http://dbachrach.com/blog/2007/01/07/create-flickr-like-editing-fields-using-ajax-css/)
- ❑ [tool-man.org/examples/edit-in-place.html](http://tool-man.org/examples/edit-in-place.html)

# User annotations

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[Add note](#)

# Customizable content

---

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[Add note](#)

# Customizable content

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- [www.yvoschaap.com/instantedit](http://www.yvoschaap.com/instantedit)
- [plugins.jquery.com/project/akeditable](http://plugins.jquery.com/project/akeditable)
- [www.ajaxdaddy.com/flickr-like-edit-in-place.html](http://www.ajaxdaddy.com/flickr-like-edit-in-place.html)
- [github.com/madrobby/scriptaculous/wikis/ajax-inplaceeditor](http://github.com/madrobby/scriptaculous/wikis/ajax-inplaceeditor)

# Topic ratings

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msdn Microsoft Developer Network

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innerHTML  
innerText  
isContentEditable  
isDisabled  
isMap  
isMultiLine  
isOpen  
isTextEdit  
keyCode  
label (OPTGROUP)  
label (OPTION)  
lang  
language  
lastChild  
lastModified  
layoutFlow  
layoutGrid  
layoutGridChar  
layoutGridLine  
layoutGridMode  
layoutGridType  
left (CSS)  
left (TextRectangle)  
leftMargin  
length (all, anchors, applets, ...)  
length (history)  
length (TextNode)  
letterSpacing  
lineBreak

## Community Content

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### How to inject NoScope elements into a page with innerHTML. John Sudds - MSFT | Edit | Show History

You can inject script with innerHTML, but it can be a little tricky. The example above works around this limitation, but doesn't really explain how it is done.

Internally, Internet Explorer treats the `<script>` tag as a **NoScope** element, which means (according to a rather opaque comment in the source) that "no text in a textrun should point to it." Examples of other tags that have this attribute are HTML comments (`<!-- -->`) and STYLE tags. All NoScope elements are removed from the beginning of the parsed HTML before it is injected with **innerHTML** or **insertAdjacentHTML**. To prevent this from happening, you must include at least one scoped element at the beginning of the injected HTML.

The following example injects a script block into the *injectionDiv*, but nothing happens.

```
<div id="injectionDiv">&nbsp;</div>
<script type="text/javascript">
  injectionDiv.innerHTML='<script defer>alert("hello");</' + 'script>';
</script>
```

To make it work, you must start the injected HTML string with a scoped element, preferably an invisible one like a hidden input element.

```
injectionDiv.innerHTML='<input type="hidden"/><script defer>alert("hello");</'
+ 'script>';
```

**Note** The strange `</' + 'script>` construct prevents the real SCRIPT block from closing prematurely.

The same rules apply to injected STYLE elements. All we have to do is put the style block after the element it modifies.

```
injectionDiv.innerHTML='<div class="myClass">&nbsp;</div><style type="text/css">.myClass
{background-color:green;}</style>';
```

That said, you really should put all style rules in the HEAD for strict compliance with XHTML. Doing this can also be a little tricky because you cannot use **innerHTML** to inject into the HEAD or STYLE element directly. (Both of these tags are *REMOVED*.) The best way to dynamically add styles to a page is to wait for the

msdn2.microsoft.com

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# Topic ratings

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Multiple team members can use the same project.

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# Topic ratings

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- [www.ajaxdaddy.com/demo-multi-ajax-star-rating-bars.html](http://www.ajaxdaddy.com/demo-multi-ajax-star-rating-bars.html)
- [www.m3nt0r.de/devel/raterDemo](http://www.m3nt0r.de/devel/raterDemo)
- [www.progressive-coding.com/tutorial.php?id=6](http://www.progressive-coding.com/tutorial.php?id=6)
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- [www.masugadesign.com/the-lab/scripts/unobtrusive-ajax-star-rating-bar](http://www.masugadesign.com/the-lab/scripts/unobtrusive-ajax-star-rating-bar)
- [www.hotscripts.com/Detailed/62822.html](http://www.hotscripts.com/Detailed/62822.html)

# Questions?

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*CSS to the Point*

*MadCap Flare Certified Test Review + Developer's Guide*

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