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### :: Accordion Content script (v1.7)

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FF1+ IE6+ Opera 9+

**Note:** Updated March 24th, 09' to v1.7: Adds a 3rd revealtype setting "clickgo", which causes browser to navigate to the URL specified inside the header after expanding its contents. See top of [ddaccordion.js](#) for changed log.

**Description:** Group contents together and reveal them on demand when the user clicks on their associated headers, with Accordion content script! Specify whether only one content within the group should be open at any given time, style the headers depending on their content state, and even enable persistence so the state of the contents is preserved within a browser session. The script enlists the help of the [jQuery library](#) for its engine. There are lots of configurable options, so lets get to them:

- Headers and their contents to expand/collapse on the page are identified through the use of shared CSS class names for easy set up.
- Ability to specify which contents should be expanded by default when the page first loads.
- Specify whether only one content should be open at any given time (collapse previous before expanding current.
- Specify whether at least one header should be open at all times (so never all closed). [New in v1.5](#)
- Set whether the headers should be activated "click" or "mouseover". If the headers themselves are hyperlinked and set to activate via "click", you can optionally have the browser go to that URL upon expanding the content, instead of doing nothing. [New in v1.7](#)
- When headers are set to be activated "mouseover", set delay (in millisec) before this happens. [New in v1.6](#)
- Enable optional persistence so when the user expands a header then returns to the page within the same browser session, the content state is preserved.
- Style the two states of the headers easily by setting two different CSS classes to be added to the header depending on whether its content is expanded or collapsed. You can also add additional HTML to the beginning or end of each header, such as an icon image that reflects the current state of the content.
- Two event handlers `oninit()` and `onopenclose()` can be used to run custom code when an Accordion Content first

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Sweet Ads



Compatibility

- ▶ **IE5 +:** IE 5 and above
- ▶ **FF1 +:** Firefox 1.0+.  
NS6+ and FF beta are assumed as well.
- ▶ **Op7 +:** Opera 7 and above.

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- loads and whenever a header is opened/closed, respectively.
- Arbitrary links can be defined elsewhere on the page performing the same functions as if the user had directly clicked on a header, such as expand a particular header, toggle a header, or expand all headers within a group.
  - A link from another page linking to the target page can cause the desired headers on the later to expand when loaded, via the URL parameter string.

You don't have to be an accordion player to appreciate this script!

Demos:

Default example (mouseover):

[Expand 1st header](#) | [Collapse 1st header](#) | [Toggle 2nd header](#)

Dogs

Cats

Rabbits

Rabbits are small mammals in the family Leporidae of the order Lagomorpha, found in several parts of the world. There are seven different genera in the family classified as rabbits, including the European rabbit (*Oryctolagus cuniculus*), cottontail rabbit (genus *Sylvilagus*; 13 species), and the Amami rabbit (*Pentalagus furnessi*, endangered species on Amami O-shima, Japan). There are many other species of rabbit, and these, along with cottontails, pikas, and hares, make up the order Lagomorpha. Rabbits generally live between four and twenty years.

- Headers activated onMouseover, with 200 millicsec delay.
- 1st content open by default.
- Only one content allowed open at any time.
- Persist state of opened contents within browser session
- Headers of opened contents get a CSS class of "openpet" applied.
- [Reload page and select the 3rd content using a URL parameter](#)

Alternate example (onclick):

[Collapse all](#) | [Expand all](#)

- Headers activated onClick.
- No contents open by default.

☐ **What is JavaScript?**

☐ **Difference between Java & JavaScript?**

☐ **What is Ajax?**

- Multiple contents can be open at the same time.
- Headers of opened and closed contents each get a CSS class of "openlanguage" and "closedlanguage" applied, respectively.
- Headers of opened and closed contents each get a different icon image added in front of it (arbitrary HTML).
- [Reload page and select the 1st, 2nd, and 3rd contents using a URL parameter](#)

**Directions:**  Developer's View

**Step 1:** Insert the following code in the HEAD section of your page

**Select All**

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml2/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">

<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.3.2/jquery.min.js"></script>

<script type="text/javascript" src="ddaccordion.js">

/*****
* Accordion Content script - (c) Dynamic Drive DHTML code library (www.dynamicdrive.com)
* Visit http://www.dynamicdrive.com for bundled JS scripts
*****/
```

Note the "doctype" code at the very top- this script requires a [valid doctype](#) in order to work correctly. You can remove it if your page already has one declared. The code above references 1 external .js file, which you need to download below (right click/ select "Save As"):

1. [ddaccordion.js](#)

By default, upload this file to the same directory as where your webpage resides.

**Step 2:** Insert the below sample code into the BODY section of your page:

**Select All**

```
<h2>Example 1:</h2>
<a href="#" onClick="ddaccordion.expandone('mypets', 0); return false">Expand 1st header</a> | <a href="#"
onClick="ddaccordion.collapseone('mypets', 0); return false">Collapse 1st header</a> | <a href="#"
onClick="ddaccordion.toggleone('mypets', 1); return false">Toggle 2nd header</a>

<h3 class="mypets">Dogs</h3>
<div class="thepet">

The dog is a domestic subspecies of the wolf, a mammal of the Canidae family of the order Carnivora. The term
```

It contains the HTML for the two demos you see above. That's it for installation!

### Set up Information

Setting up this script on your site involves first identifying the headers and their corresponding contents on your page with two shared CSS class names, for example:

```
<h3 class="mypets">Dogs</h3>
<div class="thepet">
doggy content here...
</div>

<h3 class="mypets">Cats</h3>
<div class="thepet">
kitty content here...
</div>

<h3 class="mypets">Rabbits</h3>
<div class="thepet">
bunny content here...
</div>
```

Then, in the HEAD section of the script, call `ddaccordion.init()` with the appropriate options:

Option	Description
--------	-------------

headerclass	Shared CSS class name of headers containers.
contentclass	Shared CSS class name of contents containers.
revealtype	Reveal content when user clicks or onmouseover the header? Valid values are: "click", "clickgo", or "mouseover".  The difference between "click" and "clickgo" is only visible if your headers are hyperlinked. With "click", that link is disabled, so clicking each header will only expand the corresponding content. With "clickgo", the script will first expand the content, then navigate to the URL specified in the header afterwards.
mouseoverdelay	If revealtype above is set to "mouseover", set delay in milliseconds before header expands onmouseover.
collapseprev	Collapse previous content (so only one open at any time)? true/false.
defaultexpanded	Index(es) of content(s) that should be open by default in the format [index1, index2, etc], where 0=1st content, 1=2nd content etc. [] denotes no content should be open by default.
onemustopen	Collapse previous content (so only one open at any time)? true/false.
animatedefault	Should contents that are open by default be animated into view? true/false.
persiststate	Persist state of opened contents within a browser session, so returning to the page recalls the saved states? true/false.
toggleclass	Specifies two CSS classes to be applied to the header when it's collapsed and expanded, respectively, in the form ["class1", "class2"]. Enter a blank string inside either of the two to denote no CSS class, for example: ["", "class2"].
togglehtml	This option lets you optionally add additional HTML to each header when it's expanded and collapsed, respectively. It accepts 3 parameters:  togglehtml: ["none", "", ""],  

For the first parameter, 4 possible values supported: "none", "prefix", "suffix", or "src". The 2nd and 3rd parameters are the HTML to add to each header when it's collapsed and expanded, in that order. Here are a few possible scenarios:

- togglehtml: ["none", "", ""], //no additional HTML added to header
- togglehtml: ["prefix", "closed", "open"], //two text added in front of the header
- togglehtml: ["suffix", "<img src='close.gif' />", "<img src='open.gif' />"], //two images added to the end of the header
- togglehtml: ["src", "minus.gif", "plus.gif"], //assuming each header is an image itself, toggle between two images depending on state

Set the first parameter to "src" like in the last line above if your headers are images **themselves**, and you wish to update their "src" property depending on the content state. Here's an example:

[+ JavaScript Reference](#)

Welcome to our JavaScript Reference, a comprehensive listing of JavaScript objects, properties, and methods.

[- DOM Reference](#)

[- IE Filters reference](#)

**Script setting:**

```
headerclass: "myheader",
contentclass: "mycontent",
,
togglehtml: ["src", "minus.gif", "plus.gif"],
```

**The HTML:**

```
<a
href="#">JavaScript Reference</a><br />
<div class="mycontent">
1st content here...
</div>

<a
href="#">DOM Reference</a><br />
<div class="mycontent">
2nd content here...
</div>

<a
href="#">IE Filters reference</a><br />
```

	<p>In the above example, instead of using regular container headers like a H1 tag, I'm using images instead. In other words, clicking on the images will expand/collapse content. In such a case, I can get the script to dynamically update the image shown by setting "togglehtml": ["src", "minus.gif", "plus.gif"]</p>
animatespeed	Speed of sliding animation. Value should be an integer in milliseconds (ie: 200), or one of the keywords "fast", "normal", or "slow".
oninit	Event handler that fires when the headers have initialized for the first time on the page. For more info, see: " <a href="#">Taking advantage of the oninit() and onopenclose() event handlers</a> ."
onopenclose	Event handler that fires whenever a header is expanded or contracted. For more info, see: " <a href="#">Taking advantage of the oninit() and onopenclose() event handlers</a> ."

On the [supplimentary page](#), lets see the methods you can call anywhere on your page to simulate a user clicking on a header.

## Table Of Contents

This script consists of an index page plus several supplementary pages:

- [SCRIPT INDEX PAGE](#)
- [ADDING ARBITRARY LINKS HAT EXPAND/ COLLAPSE THE CONTENTS](#)
- [TAKING ADVANTAGE OF THE ONINIT\(\) AND ONOPENCLOSE\(\) EVENT HANDLERS](#)
- [ACCORDION MENU SCRIPT](#)
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  - [Glossy accordion menu](#) (2 examples)

- o [Apple style accordion menu](#) (mouseover)
- o [Urban Gray accordion menu](#) (mouseover)
- o [Arrow Side Menu](#) ("clickgo")

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