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The CMS Offline SW Guide

Full details of CMS Software (CMSSW) including

- description of algorithms and software architecture
- instructions for analysis and validation.

New users are advised to start with the CMS WorkBook which is a subset of this document.

```
*/

/* =====
This copyright notice must be untouched at all times.

The original version of this stylesheet and the associated (x)html
is available at http://www.cssplay.co.uk/menus/simple_vertical.html
Copyright (c) 2005-2007 Stu Nicholls. All rights reserved.
This stylesheet and the associated (x)html may be modified in any
way to fit your requirements.
===== */

/* Add a margin - for this demo only - and a relative position with a high z-index to make it appear
#menu_container {margin:25px 0 100px 15px; position:relative; width:735px; height:25px; z-index:100;}

/* Get rid of the margin, padding and bullets in the unordered lists */
#pmenu, #pmenu ul {padding:0; margin:0; list-style-type: none;}

/* Set up the link size, color and borders */
#pmenu a, #pmenu a:visited {display:block;width:120px; font-size:11px; color:#fff; height:25px; line-height:25px;}

/* Set up the sub level borders */
#pmenu li ul li a, #pmenu li ul li a:visited {border-width:0 1px 1px 1px;}
#pmenu li a.enclose, #pmenu li a.enclose:visited {border-width:1px;}

/* Set up the list items */
#pmenu li {float:left; background:#7484ad;}

/* For Non-IE browsers and IE7 */
#pmenu li:hover {position:relative;}
/* Make the hovered list color persist */
#pmenu li:hover > a {background:#dfd7ca; color:#c00;}
/* Set up the sublevel lists with a position absolute for flyouts and overrun padding. The transparent background is necessary for IE5.5 and IE6
#pmenu li ul {display:none;}
/* For Non-IE and IE7 make the sublevels visible on list hover. This is all it needs */
#pmenu li:hover > ul {display:block; position:absolute; top:-11px; left:80px; padding:10px 30px 30px 10px;}
/* Position the first sub level beneath the top level links */
#pmenu > li:hover > ul {left:-30px; top:16px;}

/* get rid of the table */
#pmenu table {position:absolute; border-collapse:collapse; top:0; left:0; z-index:100; font-size:10px;}

/* For IE5.5 and IE6 give the hovered links a position relative and a change of background and font color
* html #pmenu li a:hover {position:relative; background:#dfd7ca; color:#c00;}

/* For accessibility of the top level menu when tabbing */
#pmenu li a:active, #pmenu li a:focus {background:#dfd7ca; color:#c00;}

/* Set up the pointers for the sub level indication */
#pmenu li.fly {background:#7484ad url(http://www.cssplay.co.uk/menus/fly.gif) no-repeat right center;}
#pmenu li.drop {background:#7484ad url(http://www.cssplay.co.uk/menus/drop.gif) no-repeat right center;}

/* This lot is for IE5.5 and IE6 ONLY and is necessary to make the sublevels appear */
```

```

/* change the drop down levels from display:none; to visibility:hidden; */
* html #pmenu li ul {visibility:hidden; display:block; position:absolute; top:-11px; left:80px; p

/* keep the third level+ hidden when you hover on first level link */
#pmenu li a:hover ul ul{
visibility:hidden;
}
/* keep the fourth level+ hidden when you hover on second level link */
#pmenu li a:hover ul a:hover ul ul{
visibility:hidden;
}
/* keep the fifth level hidden when you hover on third level link */
#pmenu li a:hover ul a:hover ul a:hover ul ul{
visibility:hidden;
}
/* keep the sixth level hidden when you hover on fourth level link */
#pmenu li a:hover ul a:hover ul a:hover ul a:hover ul ul {
visibility:hidden;
}

/* make the second level visible when hover on first level link and position it */
#pmenu li a:hover ul {
visibility:visible; left:-30px; top:14px; left:-31px; top:15px;
}

/* make the third level visible when you hover over second level link and position it and all fur
#pmenu li a:hover ul a:hover ul{
visibility:visible; top:-11px; left:80px;
}
/* make the fourth level visible when you hover over third level link */
#pmenu li a:hover ul a:hover ul a:hover ul {
visibility:visible;
}
/* make the fifth level visible when you hover over fourth level link */
#pmenu li a:hover ul a:hover ul a:hover ul a:hover ul {
visibility:visible;
}
/* make the sixth level visible when you hover over fifth level link */
#pmenu li a:hover ul a:hover ul a:hover ul a:hover ul a:hover ul {
visibility:visible;
}
/* If you can see the pattern in the above IE5.5 and IE6 style then you can add as many sub level

/*
*/

```

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News

Sept 2009: Release validation tables added to the navigation bar

May 2009: The POG and PAG pages are being reviewed

1 July 2008: For contributors: a new script to link directly to the ref. manual class pages:

```
[[ %DOXY%r=3_4_0&c=AboveSeed] [AboveSeed] ]  
[[ %DOXY%r=3_4_0&c=Electron&K={reco} ] [reco::Electron] ]
```

which give [AboveSeed](#) and [reco::Electron](#). This should be used in the offline guide algorithm description pages. [reco::Jet](#)

Related links

CMS Software documentation suite

- the CMS WorkBook
- the CMS Offline SW Guide (this document)
- the CMSSW Reference Manual [↗](#).

CMSSW bib ref:

CMS Physics TDR, Volume 1, CERN-LHCC-2006-001, 2 February 2006

Responsible: KatiLassilaPerini

This topic: CMSPublic > SWGuide

Topic revision: r144 - 2012-04-23 - MantasStankevicius



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