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// Routines to build the Node Data Structure
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// id is the value stored in the field  
// label is the language specific label for that id  
// URL is the page to display  
// role is the user role required to see this link
```

```
function makeNode(id,label,URL) {  
    this.node = this;  
    this.id = id;  
    this.label = label;  
    this.URL = URL;  
    this.children = new Array();  
    this.addNode = addNode;  
}
```

```
function addNode(node) {  
    this.children[this.children.length] = node;  
}
```

```
function displayNode(level,node) {  
    var siteRoot = httpCgiPath +  
    "?!dcService=GET_DYNAMIC_CONVERSION&RevisionSelectionMethod=LatestReleased&dDocName=";  
    ;  
    //var iPath = "/main/groups/dev/documents/webasset/";  
  
    for (var i=0; i<node.children.length; i++) {  
        var myNode = node.children[i].node;  
  
        // Don't display the first two levels  
        if (level > 1) {  
            if (level == 2) {  
                if(myNode.URL == thisURL) {  
                    listtag = '<dt class="level1On">';  
                } else {  
                    listtag = '<dt class="level1">';  
                }  
            }  
            else if (level == 3) {  
                if(myNode.URL == thisURL) {  
                    listtag = '<dd class="level2On">';  
                } else {  
                    listtag = '<dd class="level2">';  
                }  
            }  
            else if (level == 4) {  
                if(myNode.URL == thisURL) {  
                    listtag = '<dd class="level3On">';  
                } else {  
                    listtag = '<dd class="level3">';  
                }  
            }  
            else {  
                if(myNode.URL == thisURL) {
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        listtag = '<dd class="level4On">';
    } else {
        listtag = '<dd class="level4">';
    }
}

if (level == 2) {
    document.write(listtag + '<a href="" + siteRoot + myNode.URL + "">' +
myNode.label + '</a>');
}
else if (level == 3) {
    document.write(listtag + '<a href="" + siteRoot + myNode.URL + "">' +
myNode.label + '</a>');
}
else if (level == 4) {
    document.write(listtag + '<a href="" + siteRoot + myNode.URL + "">' +
myNode.label + '</a>');
} else {
    document.write(listtag + '<a href="" + siteRoot + myNode.URL + "">' +
myNode.label + '</a>');
}
}
// alert("site root = " + siteRoot + ", listtag = " + listtag + ", and level = " + level);
// Display the children nodes when appropriate
if (level < m_navigationValues.length && m_navigationValues[level] == myNode.id &&
myNode.children.length > 0)
{
    displayNode(level+1,myNode);
}
}
}

function displaySideNav()
{
    document.write('<dl>');
    displayNode(0,n1);
    document.write('</dl>');
}

// Routines to display the Node Data Structure

// show link title in status bar onfocus
function showStat(arg) {
    window.status=arg;
    return true;
}

function getSiteMap(level,node) {
    var siteRoot = httpCgiPath +
"?IdcService=GET_DYNAMIC_CONVERSION&RevisionSelectionMethod=LatestReleased&dDocName="
;
    for (var i = 0; i < node.children.length; i++) {
        var myNode = node.children[i].node;
        if (myNode.URL.indexOf("SNAP_") == 0) {

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                if (level == 2) {
                    document.write("<br><span class='chp'><a href='" + siteRoot +
myNode.URL + "'>" + myNode.label + "<Va><Vspan><br>");
                }
                else if (level == 3) {
                    document.write("<span class='sub'><a href='" + siteRoot + myNode.URL
+ "'>" + myNode.label + "<Va><Vspan><br>");
                }
            }
            getSiteMap(level+1,myNode);
        }
    }
}

```

```

function getSubMap(level,node,thisPg) {
    var siteRoot = httpCgiPath +
"?IdcService=GET_DYNAMIC_CONVERSION&RevisionSelectionMethod=LatestReleased&dDocName="
;
    for (var i = 0; i < node.children.length; i++) {
        var myNode = node.children[i].node;
        if (myNode.URL.indexOf(thisPg) == 0) {
            if (level == 3) {
                document.write("<span class='chp'><a href='" + siteRoot + myNode.URL
+ "'>" + myNode.label + "<Va><Vspan><br>");
            }
        }
        getSubMap(level+1,myNode,thisPg);
    }
}

```

```

/*
function showForm(dv) {
    if(document.getElementById(dv).style.display == "block") {
        document.getElementById(dv).style.display = "none";
    } else {
        document.getElementById(dv).style.display = "block";
    }
}
*/

```