//=====================================================================

// memelukan dukungan Dragdrop.js

//code di susun oleh Hidayatul Rahman, M.Kom

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//-------LOad Layernme Tree Layer-----------

function LoadTreLayerList(){

var n=0;

var lyrTreL="";

$('#LayerTreeList').html()

map.getLayers().forEach(function(layer) {

if(layer.get('name')){

var lgd = layer.get('LegenUrl');

if(lgd){

if(layer.get('legentype') == 'ESRI'){

var ListLegenTree = '<li class="list-group-item list-group-item" id="layer'+n+'\_LI" onClick="resizeIframe('+n+')"><div class="btn-group dropright btn-block" draggable="true"><button type="button" class="btn btn-sm"><input id="layer'+n+'\_vsb" class="visible" type="checkbox"> </button><button type="button" id="layer'+n+'\_NM" class="btn btn-sm btn-block" style="text-align:left;">'+layer.get('name')+'</button><button type="button" class="btn btn-sm dropdown-toggle dropdown-toggle-split" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"></button><div class="dropdown-menu"><a class="dropdown-item" href="#"><label class="checkbox text-info" for="layer'+n+'popup"><i class="far fa-comment-alt"></i> Popup <input id="layer'+n+'popup" class="popup" type="checkbox"/ checked></label></a><a class="dropdown-item" href="#"><label class="text-warning"> <i class="fa fa-adjust" aria-hidden="true"></i> Opacity <input class="opacity" id="layer'+n+'\_opc" type="range" min="0" max="1" step="0.01"/></label></a><a class="dropdown-item" href="#" id="layer'+n+'\_zm"><i class="fa fa-search-plus"></i> Zoom to Layer</a><div class="dropdown-divider"></div><a class="dropdown-item text-danger" href="#" id="layer'+n+'\_rmv"><i class="fa fa-trash"></i> Remove</a><a class="dropdown-item text-success" href="'+layer.get('metadata')+'" target="\_blank"><i class="fa fa-info-circle"></i> Metadata</a></div></div> <fieldset id="layer'+n+'\_FS"><iframe id="layer'+n+'\_LGN" class="style-5" width="300px" src="/WebPortal/App/Esri\_legenda.php?url='+lgd+'" style="border:none;"></iframe></fieldset></li>';

}else {

var ListLegenTree = '<li class="list-group-item list-group-item" id="layer'+n+'\_LI" ><div class="btn-group dropright btn-block" draggable="true"><button type="button" class="btn btn-sm"><input id="layer'+n+'\_vsb" class="visible" type="checkbox"> </button><button type="button" id="layer'+n+'\_NM" class="btn btn-sm btn-block" style="text-align:left;">'+layer.get('name')+'</button><button type="button" class="btn btn-sm dropdown-toggle dropdown-toggle-split" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"></button><div class="dropdown-menu"><a class="dropdown-item" href="#"><label class="checkbox text-info" for="layer'+n+'popup"><i class="far fa-comment-alt"></i> Popup <input id="layer'+n+'popup" class="popup" type="checkbox"/ checked></label></a><a class="dropdown-item" href="#"><label class="text-warning"> <i class="fa fa-adjust" aria-hidden="true"></i> Opacity <input class="opacity" id="layer'+n+'\_opc" type="range" min="0" max="1" step="0.01"/></label></a><a class="dropdown-item" href="#" id="layer'+n+'\_zm"><i class="fa fa-search-plus"></i> Zoom to Layer</a><div class="dropdown-divider"></div><a class="dropdown-item text-danger" href="#" id="layer'+n+'\_rmv"><i class="fa fa-trash"></i> Remove</a><a class="dropdown-item text-success" href="https://geoservice.kalselprov.go.id/ServisDerektory/?IdSearch='+layer.get('metadata')+'" target="\_blank"><i class="fa fa-info-circle"></i> Metadata</a></div></div> <fieldset id="layer'+n+'\_FS"><img src="'+lgd+'"></fieldset></li>';

}

}else{

var ListLegenTree = '<li class="list-group-item list-group-item" id="layer'+n+'\_LI" ><div class="btn-group dropright btn-block" draggable="true"><button type="button" class="btn btn-sm"><input id="layer'+n+'\_vsb" class="visible" type="checkbox"> </button><button type="button" id="layer'+n+'\_NM" class="btn btn-sm btn-block" style="text-align:left;">'+layer.get('name')+'</button><button type="button" class="btn btn-sm dropdown-toggle dropdown-toggle-split" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"></button><div class="dropdown-menu"><a class="dropdown-item" href="#"><label class="checkbox text-info" for="layer'+n+'popup"><i class="far fa-comment-alt"></i> Popup <input id="layer'+n+'popup" class="popup" type="checkbox"/ checked></label></a><a class="dropdown-item" href="#"><label class="text-warning"> <i class="fa fa-adjust" aria-hidden="true"></i> Opacity <input class="opacity" id="layer'+n+'\_opc" type="range" min="0" max="1" step="0.01"/></label></a><a class="dropdown-item" href="#" id="layer'+n+'\_zm"><i class="fa fa-search-plus"></i> Zoom to Layer</a><div class="dropdown-divider"></div><a class="dropdown-item text-danger" href="#" id="layer'+n+'\_rmv"><i class="fa fa-trash"></i> Remove</a><a class="dropdown-item text-success" href="https://geoservice.kalselprov.go.id/ServisDerektory/?IdSearch='+layer.get('metadata')+'" target="\_blank"><i class="fa fa-info-circle"></i> Metadata</a></div></div> <fieldset id="layer'+n+'\_FS">-</li>';

}

lyrTreL = ListLegenTree+lyrTreL;

n++;

}

});

$('#LayerTreeList').html(lyrTreL)

};

//membuat HTML list tree

LoadTreLayerList();

//====================FUNGSI TREE LAYER MENU==================

function bindInputs(layerid, layer) {

var visibilityInput = $(layerid + '\_vsb');

visibilityInput.on('change', function () {

layer.setVisible(this.checked);

});

visibilityInput.prop('checked', layer.getVisible());

var opacityInput = $(layerid + '\_opc');

opacityInput.on('input', function () {

layer.setOpacity(parseFloat(this.value));

});

opacityInput.val(String(layer.getOpacity()));

var LgndInput = $(layerid + '\_NM');

var LgndDIV = $(layerid + '\_FS');

LgndDIV.hide();

LgndInput.on('click', function () {

LgndDIV.show();

});

LgndInput.on('dblclick', function () {

LgndDIV.hide();

});

//------------REMOVE LAYER--------------------

var CmdRemoveLayer = $(layerid + '\_rmv');

CmdRemoveLayer.on('click', function () {

map.removeLayer(layer);

var LayrLI = $(layerid + '\_LI');

LayrLI.remove();

});

//-----------MOVE Z Index LAYER--------------------

layer.setZIndex(ZIdx);

ZIdx++;

//------ ZOOM TO EXTEND LAYER---------------

var CmdMenuZoomLyr = $(layerid + '\_zm');

CmdMenuZoomLyr.on('click', function () {

//map.getView().fit(layer.getExtent());

var extent = layer.getExtent();

map.getView().fit(extent);

});

//------POPUP LAYER---------------

var Elmpopup = $(layerid + 'popup');

Elmpopup.on('change', function () {

layer.set('InfoPopup', this.checked);

});

// //--------- MOVE UP LAYER-------------------

// var CmdMenuUpLyr = $(layerid + '\_Mup');

// CmdMenuUpLyr.on('click', function () {

// layer.setZIndex(eval(layer.getZIndex())+1);

// });

// //--------- MOVE DOWN LAYER-------------------

// var CmdMenuDownLyr = $(layerid + 'Mdown');

// CmdMenuDownLyr.on('click', function () {

// layer.setZIndex(eval(layer.getZIndex())-1);

// });

}

//=== FUNGSI LOAD DATA LAYER =====

function setup(id, group) {

group.getLayers().forEach(function (layer, i) {

var layerid = id + i;

bindInputs(layerid, layer);

if (layer instanceof ol.layer.Group) {

setup(layerid, layer);

}

});

}

//=== MEMANGGIL FUNGSI LOAD DATA LAYER ====

setup('#layer', map.getLayerGroup());

// == FUNGSI MEDEFINASI LAYER INDEX PADA LIST GROUP

$('#layertree li').mouseenter(function() {

ListLayerIndex = $(this).index();

//alert(ListLayerIndex);

})

//=== FUNGSI DRAG DROP LAYER POSISI ====

function pindahZLayer(s,LyNm){

var Tly = eval(document.querySelectorAll("#layertree li").length) - ListLayerIndex;

// var Ly= 'layer'+(Tly-1)+'\_NM';

// alert(" dari posis :"+ListLayerIndex+ " ke pos : "+s);

//alert(document.getElementById(Ly).innerHTML);

if(ListLayerIndex >s ){

var Posisi = (eval(document.querySelectorAll("#layertree li").length)-1) + eval(s);

}else{

var Posisi = (eval(document.querySelectorAll("#layertree li").length) -1)- eval(s);

}

var p= document.getElementById(LyNm).id;

var Ly = p.replaceAll('\_LI', '\_NM');

map.getLayers().forEach(function(layer) {

if(layer.get('name') == document.getElementById(Ly).innerHTML){

layer.setZIndex(Posisi);

}

});

}