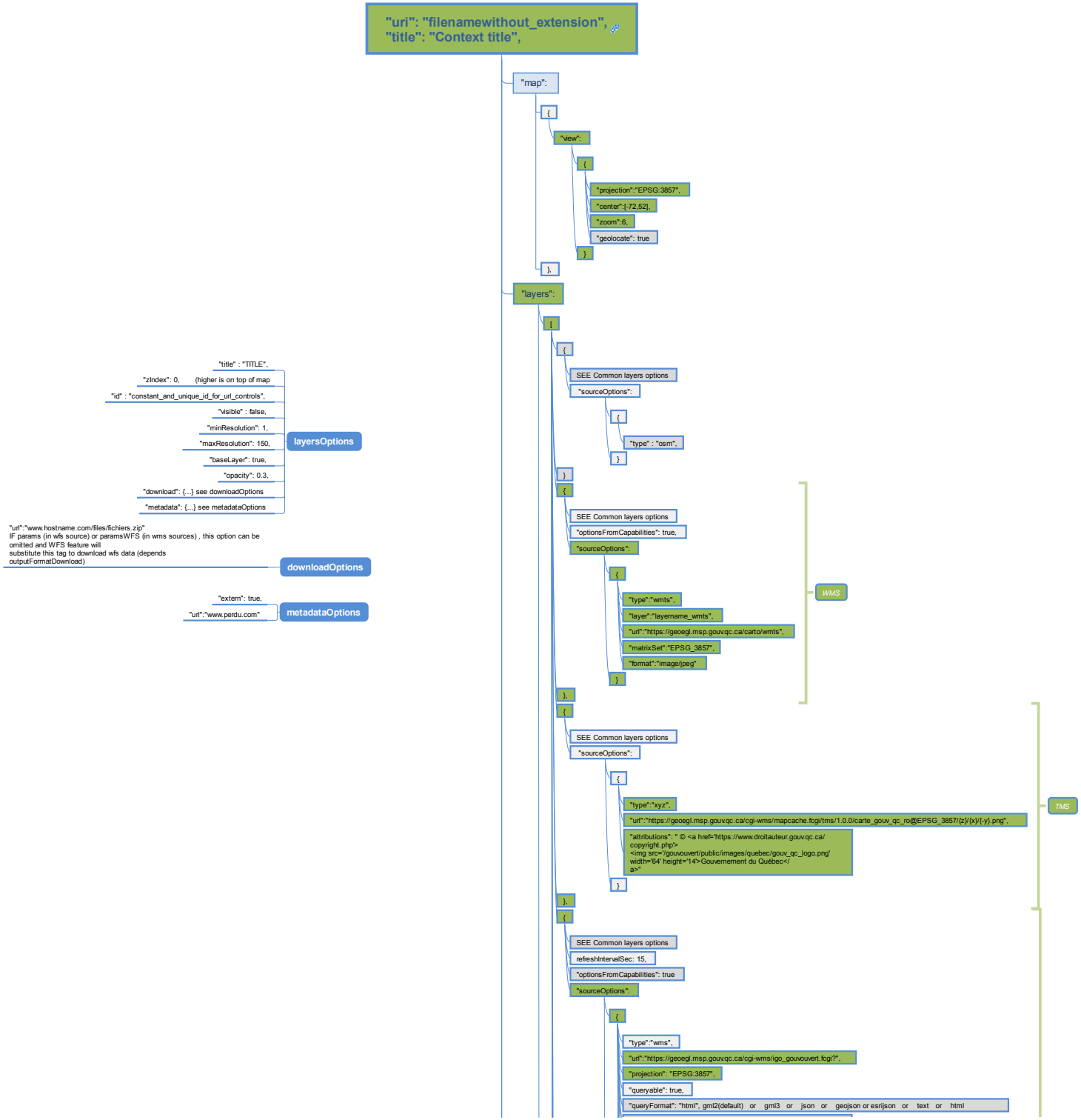
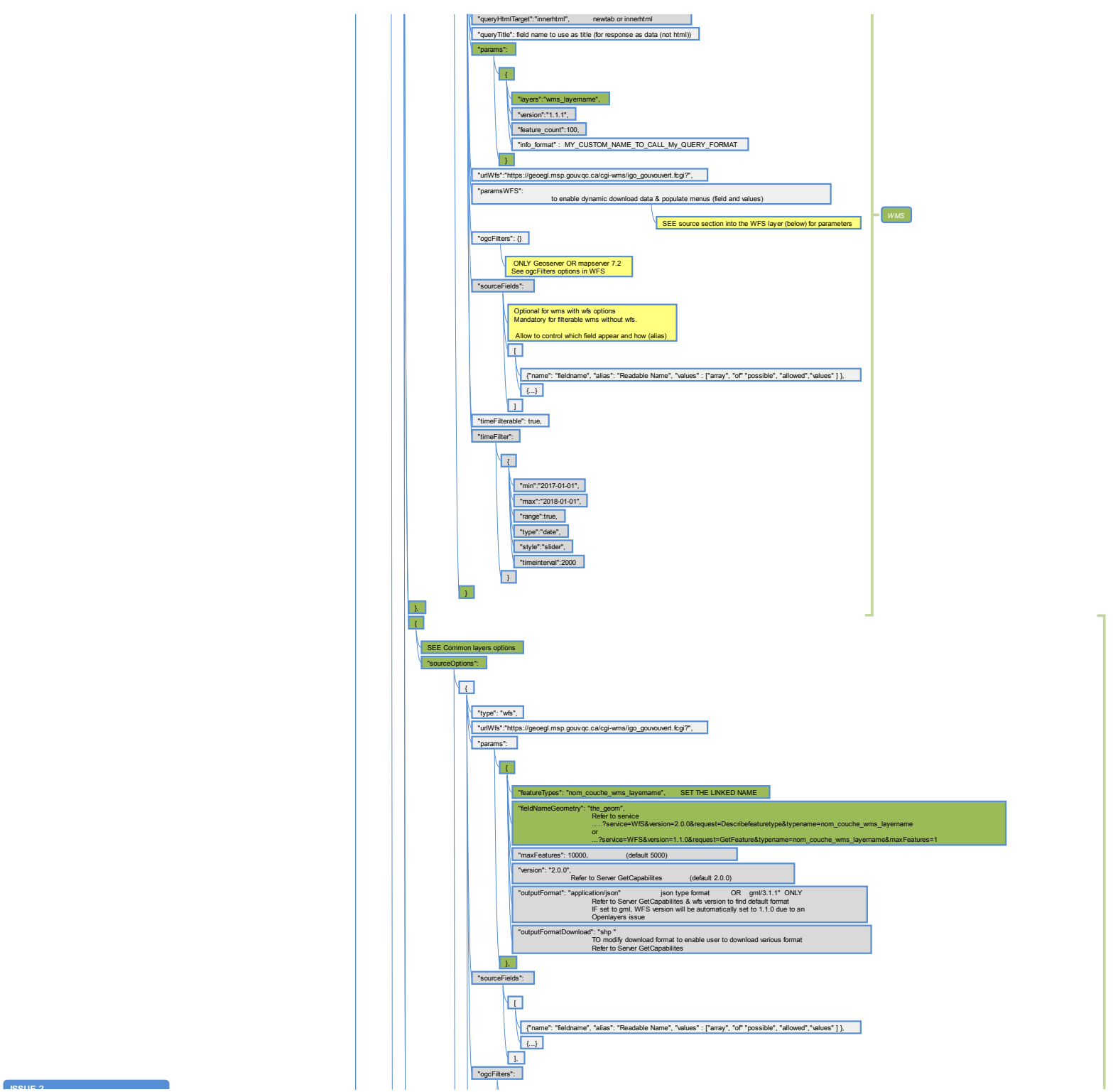
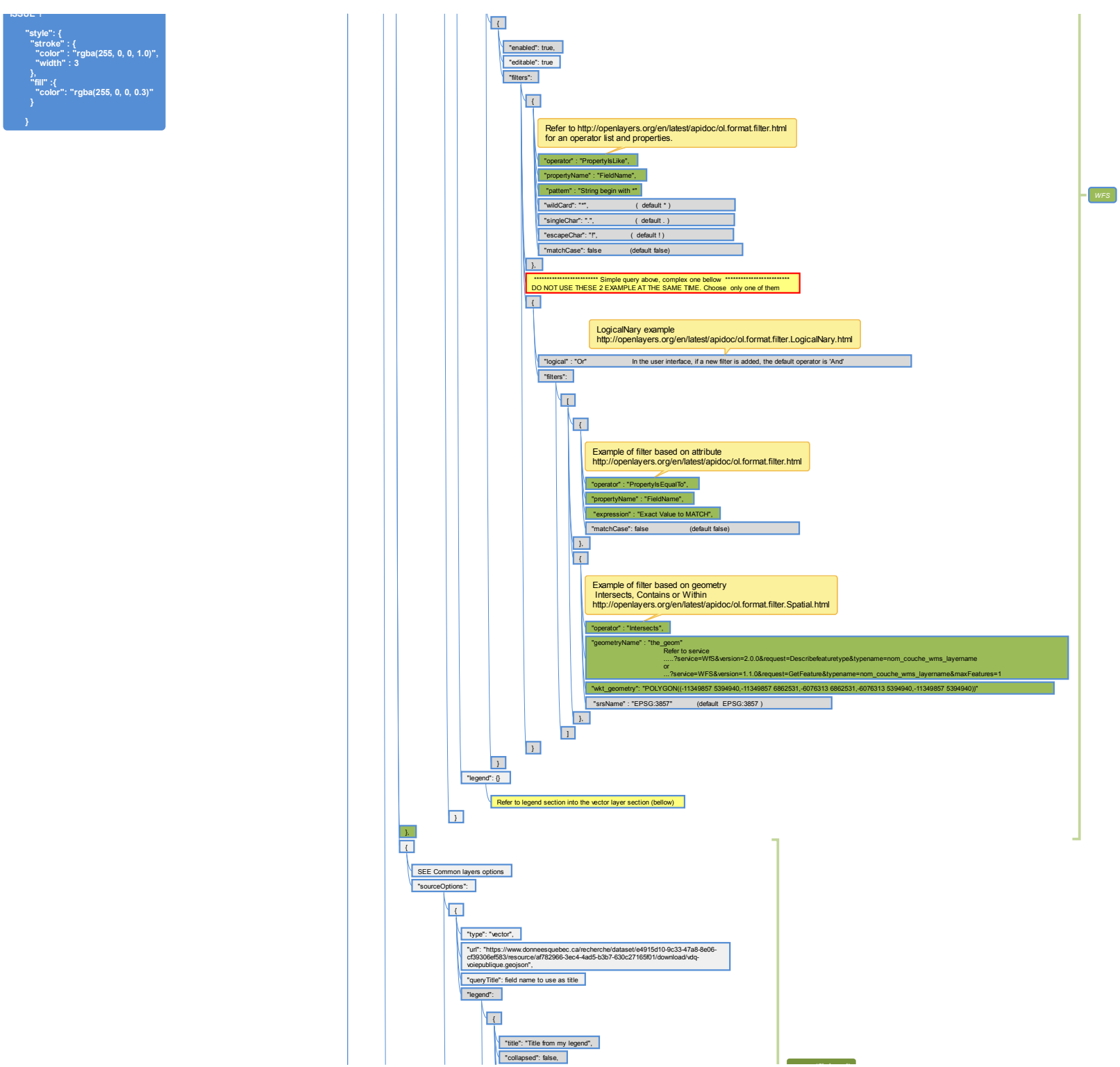
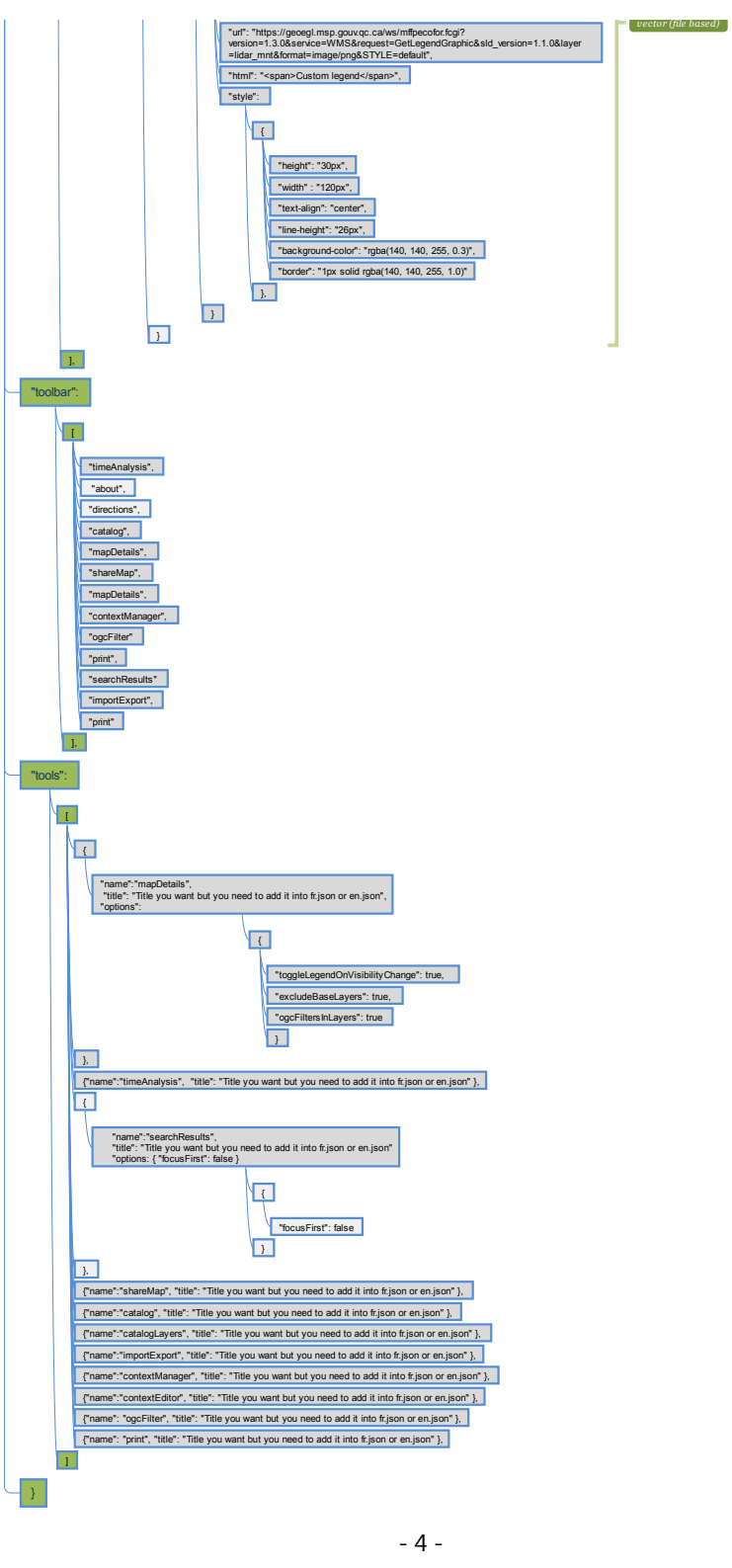

"uri": "filenamewithout_extension",
"title": "Context title",
"map":
{
"view":
{
"projection":"EPSG:3857",
"center":[-72.52],
"zoom":6,
"geolocate": true
}
},
"layers":
[
{
SEE Common layers options
"sourceOptions":
{
"type" : "osm",
}
}
{
SEE Common layers options
"optionsFromCapabilities": true,
"sourceOptions":
{
"type":"wmts",
"layer":"layername_wmts",
"url":"https://geoegl.msp.gouv.qc.ca/carto/wmts",
"matrixSet":"EPSG_3857",
"format":"image/jpeg"
}
},
WMS
{
SEE Common layers options
"sourceOptions":
{
"type":"xyz",
"url":"https://geoegl.msp.gouvqc.ca/cgi-wms/mapcache.fcgi/tms/1.0.0/carte_gouv_qc_ro@EPSG_3857/{z}/{x}/{-y}.png",
"attributions": " © <a href='https://www.droitauteur.gouv.qc.ca/copyright.php'><img src='/gouvouvert/public/images/quebec/gouv_qc_logo.png' width='64' height='14'>Gouvernement du Québec</a>"
}
},
TMS
{
SEE Common layers options
refreshIntervalSec: 15,
"optionsFromCapabilities": true
"sourceOptions":
{
"type":"wms",
"url":"https://geoegl.msp.gouvqc.ca/cgi-wms/igo_gouvouvert.fcgi?",
"projection": "EPSG:3857",
"queryable": true,
"queryFormat": "html", gml2(default) or gml3 or json or geojson or esrijson or text or html
"title" : "TITLE",
"zIndex": 0, (higher is on top of map
"id" : "constant_and_unique_id_for_url_controls",
"visible" : false,
"minResolution": 1,
"maxResolution": 150,
"baseLayer": true,
"opacity": 0.3,
"download": {...} see downloadOptions
"metadata": {...} see metadataOptions
layersOptions
"url":"www.hostname.com/files/fichiers.zip"
IF params (in wfs source) or paramsWFS (in wms sources) , this option can be omitted and WFS feature will
substitute this tag to download wfs data (depends outputFormatDownload)
downloadOptions
"extern": true,
"url":"www.perdu.com"
metadataOptions


"queryHtmlTarget":"innerhtml", newtab or innerhtml
"queryTitle": field name to use as title (for response as data (not html))
"params":
{
"layers":"wms_layername",
"version":"1.1.1",
"feature_count":100,
"info_format" : MY_CUSTOM_NAME_TO_CALL_My_QUERY_FORMAT
}
"urlWfs":"https://geoegl.msp.gouv.qc.ca/cgi-wms/igo_gouvouvert.fcgi?",
"paramsWFS":
to enable dynamic download data & populate menus (field and values)
SEE source section into the WFS layer (below) for parameters
WMS
"ogcFilters": {}
ONLY Geoserver OR mapserver 7.2
See ogcFilters options in WFS
"sourceFields":
Optional for wms with wfs options
Mandatory for filterable wms without wfs.
Allow to control which field appear and how (alias)
[
{"name": "fieldname", "alias": "Readable Name", "values" : ["array", "of" "possible", "allowed","values"] },
{...}
]
"timeFilterable": true,
"timeFilter":
{
"min":"2017-01-01",
"max":"2018-01-01",
"range":true,
"type":"date",
"style":"slider",
"timeinterval":2000
}
}
},
{
SEE Common layers options
"sourceOptions":
{
"type": "wfs",
"urlWfs":"https://geoegl.msp.gouv.qc.ca/cgi-wms/igo_gouvouvert.fcgi?",
"params":
{
"featureTypes": "nom_couche_wms_layername", SET THE LINKED NAME
"fieldNameGeometry": "the_geom",
Refer to service
...?service=WFS&version=2.0.0&request=Describefeaturetype&typename=nom_couche_wms_layername
or
...?service=WFS&version=1.1.0&request=GetFeature&typename=nom_couche_wms_layername&maxFeatures=1
"maxFeatures": 10000, (default 5000)
"version": "2.0.0",
Refer to Server GetCapabilites (default 2.0.0)
"outputFormat": "application/json" json type format OR gml/3.1.1" ONLY
Refer to Server GetCapabilites & wfs version to find default format
IF set to gml, WFS version will be automatically set to 1.1.0 due to an
Openlayers issue
"outputFormatDownload": "shp "
TO modify download format to enable user to download various format
Refer to Server GetCapabilites
},
"sourceFields":
[
{"name": "fieldname", "alias": "Readable Name", "values" : ["array", "of" "possible", "allowed","values"] },
{...}
],
"ogcFilters":


"style": {
"stroke" : {
"color" : "rgba(255, 0, 0, 1.0)",
"width" : 3
},
"fill" :{
"color": "rgba(255, 0, 0, 0.3)"
}
}
{
"enabled": true,
"editable": true
"filters":
{
Refer to http://openlayers.org/en/latest/apidoc/ol.format.filter.html
for an operator list and properties.
"operator" : "PropertyIsLike",
"propertyName" : "FieldName",
"pattern" : "String begin with *"
"wildCard": "*", (default *)
"singleChar": ".", (default .)
"escapeChar": "!", (default !)
"matchCase": false (default false)
},
********** Simple query above, complex one bellow **********
DO NOT USE THESE 2 EXAMPLE AT THE SAME TIME. Choose only one of them
{
LogicalNary example
http://openlayers.org/en/latest/apidoc/ol.format.filter.LogicalNary.html
"logical" : "Or" In the user interface, if a new filter is added, the default operator is 'And'
"filters":
[
{
Example of filter based on attribute
http://openlayers.org/en/latest/apidoc/ol.format.filter.html
"operator" : "PropertyIsEqualTo",
"propertyName" : "FieldName",
"expression" : "Exact Value to MATCH",
"matchCase": false (default false)
},
{
Example of filter based on geometry
Intersects, Contains or Within
http://openlayers.org/en/latest/apidoc/ol.format.filter.Spatial.html
"operator" : "Intersects",
"geometryName" : "the_geom"
Refer to service
...?service=WFS&version=2.0.0&request=Describefeaturetype&typename=nom_couche_wms_layername
or
...?service=WFS&version=1.1.0&request=GetFeature&typename=nom_couche_wms_layername&maxFeatures=1
"wkt_geometry": "POLYGON((-11349857 5394940,-11349857 6862531,-6076313 6862531,-6076313 5394940,-11349857 5394940))"
"srsName" : "EPSG:3857" (default EPSG:3857)
},
]
}
}
"legend": {}
Refer to legend section into the vector layer section (bellow)
}
},
{
SEE Common layers options
"sourceOptions":
{
"type": "vector",
"url": "https://www.donneesquebec.ca/recherche/dataset/e4915d10-9c33-47a8-8e06-cf39306ef583/resource/af782966-3ec4-4ad5-b3b7-630c27165f01/download/vdq-voiepublique.geojson",
"queryTitle": field name to use as title
"legend":
{
"title": "Title from my legend",
"collapsed": false,
WFS


"url": "https://geoegl.msp.gouv.qc.ca/ws/mffpecofor.fcgi?version=1.3.0&service=WMS&request=GetLegendGraphic&sld_version=1.1.0&layer=lidar_mnt&format=image/png&STYLE=default",
"html": "Custom legend",
"style":
{
"height": "30px",
"width" : "120px",
"text-align": "center",
"line-height": "26px",
"background-color": "rgba(140, 140, 255, 0.3)",
"border": "1px solid rgba(140, 140, 255, 1.0)"
},
}
}
],
"toolbar":
[
"timeAnalysis",
"about",
"directions",
"catalog",
"mapDetails",
"shareMap",
"mapDetails",
"contextManager",
"ogcFilter"
"print",
"searchResults"
"importExport",
"print"
],
"tools":
[
{
"name":"mapDetails",
"title": "Title you want but you need to add it into fr.json or en.json",
"options":
{
"toggleLegendOnVisibilityChange": true,
"excludeBaseLayers": true,
"ogcFiltersInLayers": true
}
},
{"name":"timeAnalysis", "title": "Title you want but you need to add it into fr.json or en.json" },
{
"name":"searchResults",
"title": "Title you want but you need to add it into fr.json or en.json"
"options: { "focusFirst": false }
{
"focusFirst": false
}
},
{"name":"shareMap", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name":"catalog", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name":"catalogLayers", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name":"importExport", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name":"contextManager", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name":"contextEditor", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name": "ogcFilter", "title": "Title you want but you need to add it into fr.json or en.json" },
{"name": "print", "title": "Title you want but you need to add it into fr.json or en.json" },
]
}
vector (file based)