

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Web Services clients/WMS	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 16605

Description

In QGIS trunk (3bd21bc):
If I try to add a WMTS service with multiple dimensions, only odd lines are displayed with content (see screenshot).

qgis_wmts_dim_select.png

If I press OK, QGIS crashes.

Extract of GetCapabilities (with dimensions)
(Service provided by Mapserver Mapcache)

```
[...]
<Contents>
  <Layer>
    <ows:Title>Fond de plan test WMTS</ows:Title>
    <ows:Abstract>Service abstract</ows:Abstract>
    <ows:Identifier>mylayer</ows:Identifier>
    <Style isDefault="true">
      <ows:Identifier>default</ows:Identifier>
    </Style>
    <Format>image/png</Format>
    <Dimension>
      <ows:Identifier>DIM1</ows:Identifier>
      <Default>defaultDim1</Default>
      <Value>defaultDim1</Value>
      <Value>valueDim1-1</Value>
      <Value>valueDim1-2</Value>
    </Dimension>
    <Dimension>
      <ows:Identifier>DIM2</ows:Identifier>
      <Default>defaultDim2</Default>
      <Value>defaultDim2</Value>
      <Value>valueDim2-1</Value>
      <Value>valueDim2-2</Value>
    </Dimension>
    <Dimension>
      <ows:Identifier>DIM3</ows:Identifier>
      <Default>defaultDim3</Default>
      <Value>defaultDim3</Value>
      <Value>valueDim3-1</Value>
```

```

    <Value>valueDim3-2</Value>
  </Dimension>
  <Dimension>
    <ows:Identifier>DIM4</ows:Identifier>
    <Default>defaultDim4</Default>
    <Value>defaultDim4</Value>
    <Value>valueDim1-1</Value>
    <Value>valueDim1-2</Value>
  </Dimension>
  <Dimension>
    <ows:Identifier>ELEVATION</ows:Identifier>
    <Default>0</Default>
    <Value>0</Value>
  </Dimension>
  <ResourceURL format="image/png" resourceType="tile" template="
http://myserver.ch/wmts/1.0.0/mylayer/default/{DIM1}/{ELEVATION}/{TileMatrixSet}/{TileMatrix}/{TileRow}/{TileCol}.png"/>
  <TileMatrixSetLink>
    <TileMatrixSet>21781</TileMatrixSet>
  </TileMatrixSetLink>
</Layer>
[...]
```

Note: On a layer with only one dimension: no problemo...

Tested version: QGOS-dev (3bd21bc) from OSGeo4W

Tested on OS: Windows XP Pro SP3 32 and Windows 7 Pro 64

Associated revisions

Revision 17613e81 - 2013-04-24 11:06 AM - Jürgen Fischer

fix #7690

History

#1 - 2013-04-24 01:56 AM - Jürgen Fischer

do you have a public server to test?

#2 - 2013-04-24 02:06 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"17613e81c58127bfc74a40c1065a90443a83dfe4".

#3 - 2013-04-24 02:13 AM - Yves Blatti

Not yet, but I can make something up for testing... (I just need a little time ;-)

#4 - 2013-04-24 02:17 AM - Jürgen Fischer

Yves Blatti wrote:

Not yet, but I can make something up for testing... (I just need a little time ;-)

Little time I have ;)

#5 - 2013-04-24 05:29 AM - Yves Blatti

Here you go: <http://193.34.136.206/mapcache/wmts?service=wmts&request=getcapabilities&version=1.0.0>

This service has two dimensions...

(demo: [here](#))

Tiles aren't pregenerated, and distant WMS is busy, so.. it'll be slow, but will expose the problem in QGIS.

Thanks for your time!

#6 - 2013-04-24 07:06 AM - Jürgen Fischer

Yves Blatti wrote:

Here you go: <http://193.34.136.206/mapcache/wmts?service=wmts&request=getcapabilities&version=1.0.0>
This service has two dimensions...

ok, second issue also solved.

#7 - 2013-04-25 01:14 AM - Yves Blatti

Quick and efficient, works perfectly!

Thanks!

Files

qgis_wmts_dim_select.png	18.3 KB	2013-04-23	Yves Blatti
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