QUICK START GUIDE

THIS GUIDE RELATES TO THE FOLLOWING STYLESHEETS:

PRODUCT: OS OPENMAP LOCAL

DATA FORMAT: GML / GZ

STYLESHEET FORMAT: STYLED LAYER DESCRIPTORS (SLD)

The stylesheets have been designed to work with the data loaded into a database, for example PostGIS, with field names in full and in lowercase.

1 Either fork the stylesheets on GitHub or download them and navigate to the directory that matches your data format, stylesheet format and style preference.

2 Copy the folder 'ordnance_survey' into your GeoServer styles directory (a typical Windows file path is C:\Program Files (x86)\GeoServer 2.x.x\data_dir\styles, if using a workspace then use the \data_dir\styles path from there.

2 Load your OS OpenMap Local data into GeoServer.

3 Add the styles. If using the GUI then navigate to Styles > Add a new style > Browse and select each file in turn.

4 Publish these styles with the data. If using the GUI then navigate to Layers > Add a new resource and choose from the relevant database. Click on publish, configure settings and then choose the matching style before saving.

5 To create OS Open Map-Local in GeoServer you will need to create a Layer Group. If using the GUI then navigate to Layer Groups > Add new layer group > Add Layer and choose each layer in turn to create the following layer order:

Layers

Add Layer...

Add Layer Group...

	Drawing order	Layer	Default Style	Style	Remove
1	⇓	osgb:SU_Woodland	☐	OML_Woodland_fullcolour	⊖
2	⇑ ⇓	osgb:SU_TidalWater	☐	OML_Tidal Water_fullcolour	⊖
3	⇑ ⇓	osgb:SU_SurfaceWater_Area	☐	OML_Surface Water Area_fullcolour	⊖
4	⇑ ⇓	osgb:SU_Foreshore	☐	OML_Foreshore_fullcolour	⊖
5	⇑ ⇓	osgb:SU_Building	☐	OML_Building_fullcolour	⊖
6	⇑ ⇓	osgb:SU_FunctionalSite	☐	OML_Functional Site_fullcolour	⊖
7	⇑ ⇓	osgb:SU_ImportantBuilding	☐	OML_Important Building_fullcolour	⊖
8	⇑ ⇓	osgb:SU_Glasshouse	☐	OML_Glasshouse_fullcolour	⊖
9	⇑ ⇓	osgb:SU_Roundabout	☐	OML_Roundabout_casing_fullcolour	⊖
10	⇑ ⇓	osgb:SU_TidalBoundary	☐	OML_Tidal Boundary_fullcolour	⊖
11	⇑ ⇓	osgb:SU_SurfaceWater_Line	☐	OML_Surface Water Line_fullcolour	⊖
12	⇑ ⇓	osgb:SU_RoadTunnel	☐	OML_Road Tunnel_fullcolour	⊖
13	⇑ ⇓	osgb:SU_Road	☐	OML_Roads_fullcolour	⊖
14	⇑ ⇓	osgb:SU_Roundabout2	☐	OML_Roundabout_fill_fullcolour	⊖
15	⇑ ⇓	osgb:SU_RailwayTunnel	☐	OML_Railway Tunnel_fullcolour	⊖
16	⇑ ⇓	osgb:SU_RailwayTrack	☐	OML_Railway Track_fullcolour	⊖
17	⇑ ⇓	osgb:SU_ElectricityTransmissionLine	☐	OML_ETL_fullcolour	⊖
18	⇑ ⇓	osgb:SU_RailwayStation	☐	OML_Railway Station_fullcolour	⊖
19	⇑ ⇓	osgb:SU_MotorwayJunction	☐	OML_Motorway Junction Number_fullcolour	⊖
20	⇑	osgb:SU_NamedPlace	☐	OML_Named Place_fullcolour	⊖

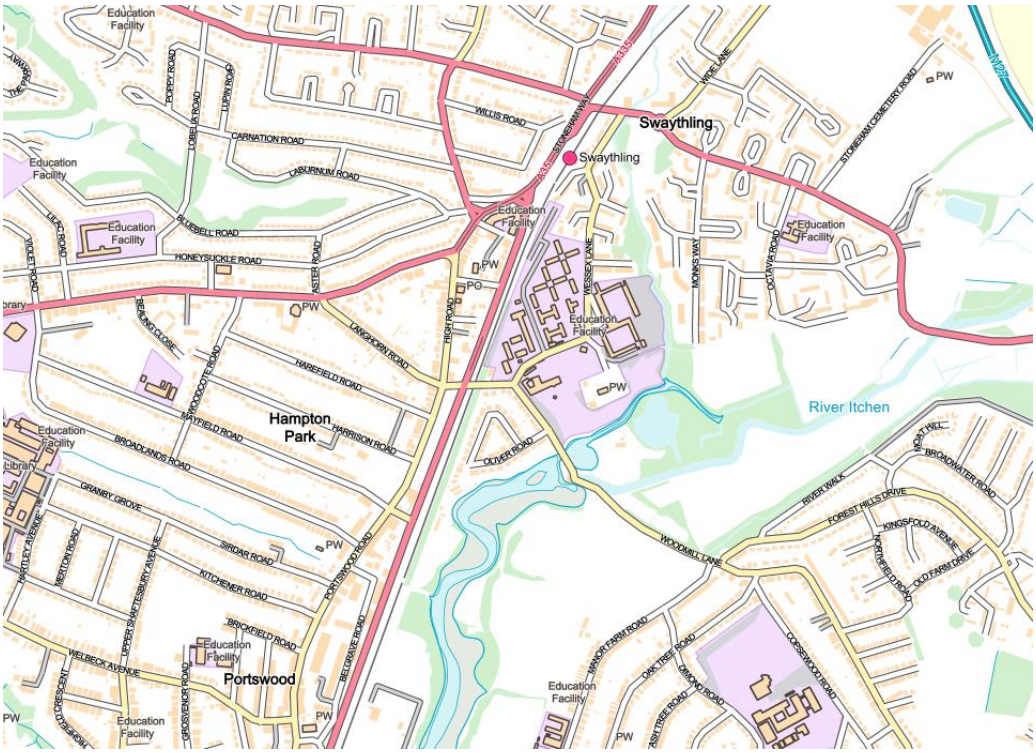
<< < 1 > >> Results 1 to 20 (out of 20 items)

The name of this Layer Group is the 'layer' your web map service (WMS) will need to call.

Although every feature is styled, for use as a general contextual map we have commented some of them out by default.

The scale denominators have been set to allow viewing between 1:1 000 and 1:15 000, although this will vary slightly by resolution.

Your map should look similar to this:



Compatibility notes

Although SLD is an open OGC standard, these SLDs do contain some extended code used by GeoServer, namely the 'vendor option' tags. Also, as aforementioned, the field names referenced in the SLDs are in full and in lowercase.

Additional information

More information about how to download, apply and edit our stylesheets including a Stylesheet user guide

More information about OS OpenMap Local

More information about cartographic design at Ordnance Survey

Licence

By using these stylesheets, you are accepting the terms of the Open Government Licence.