

Web Cartography OGC Services





OGC?



Services?



WMS

p. 21 GetCapabilities
p. 32 GetMap
p. 38 GetFeatureInfo

"a simple HTTP interface for requesting geo-registered map **images** from one or more distributed geospatial databases"

<http://bit.ly/2xjNP96>

<http://bit.ly/2kGz8sx>

[OpenGIS Web Map Service \(WMS\)
Implementation Specification](#)



WMTS

p. 36 GetCapabilities
p. 40 GetTile
p. 45 GetFeatureInfo

<http://bit.ly/2yjp11J>
<http://bit.ly/2yjtQli>

Used to serve prepared **tiles**

Mandatory KVP/REST interface

No layer combination

Tile versus tile matrix versus tile matrix set

[OpenGIS Web Map Tile Service
Implementation Standard](#)



WFS

p. 79 GetCapabilities
p. 97 DescribeFeatureType
p. 98 GetFeature

<http://bit.ly/2yHhCdO>
<http://bit.ly/2gzhFhd>

"The OGC Web Feature Service allows a client to retrieve and update geospatial data encoded in Geography Markup Language (GML) from multiple Web Feature Services."

[OpenGIS Web Feature Service \(WFS\)
Implementation Specification](#)



Tasks

WMS: Create a **GetMap** request that returns a map showing the place you live in

WMTS: Create a **GetTile** request representing whatever place on Earth you like

WFS: Create a **GetFeature** request that downloads the INSPIRE parcels from the cadastre you live in

Due: October, 26



Feel free to ask

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