



MML
MAAN-
MITTAUS-
LAITOS

INSPIRE- verkkopalvelut

Kunnat ja INSPIRE –webinaari
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Sisältö

Katselupalvelu

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Vaihtoehtoisia toteutustapoja - Hyvät käytänteet

Katselupalvelu

Katselupalvelu (View Service) on rajapintapalvelu, jonka avulla paikkatietoaineistoa voi katsella karttakuvina

Web Map Service (WMS) tai Web Map Tile Service (WMTS)

Ohjeet: [JHS 180 Paikkatiedon sisältöpalvelut](#)

[Ohjevideo](#)



Latauspalvelu

Latauspalvelu (Download Service) on rajapintapalvelu, joka mahdollistaa paikkatietoaineistojen ja niiden osien kopioinnin käyttäjän omalle tietokoneelle.

- WFS 2.0 (Web Feature Service) -rajapintapalvelu, joka mahdollistaa vain vakioidut kyselyt
- WFS 2.0 (Web Feature Service) -rajapintapalvelu, joka mahdollistaa vapaat kyselyt
- Tiedostojen lataus Atom-syötteen kautta

Ohjeet: [JHS 180 Paikkatiedon sisältöpalvelut](#)

[Ohjevideo](#)

```
<WFS_Capabilities xmlns="http://www.opengis.net/wfs/2.0"
xmlns:wfs="http://www.opengis.net/wfs/2.0" xmlns:ows="http://www.opengis.net/ows/1.1"
xmlns:ogc="http://www.opengis.net/ogc" xmlns:fes="http://www.opengis.net/fes/2.0"
xmlns:gml="http://www.opengis.net/gml" xmlns:xlink="http://www.w3.org/1999/xlink"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" version="2.0.0"
xsi:schemaLocation="http://www.opengis.net/wfs/2.0
http://schemas.opengis.net/wfs/2.0/wfs.xsd">
  <ows:ServiceIdentification>
    <ows:Title>Finland INSPIRE Download Service for AD Theme</ows:Title>
    <ows:Abstract>Download Service for addresses spatial data theme</ows:Abstract>
    <ows:Keywords>
      <ows:Keyword>Addresses</ows:Keyword>
      <ows:Type>http://www.eionet.europa.eu/gemet/inspire_themes/</ows:Type>
    </ows:Keywords>
    <ows:Keywords>
      <ows:Keyword>infoFeatureAccessService</ows:Keyword>
      <ows:Type>http://inspire.ec.europa.eu/metadata-codelist/SpatialDataServiceCategory/</ows:Type>
    </ows:Keywords>
    <ows:ServiceType codeSpace="http://www.opengeospatial.org/">WFS</ows:ServiceType>
    <ows:ServiceTypeVersion>2.0.0</ows:ServiceTypeVersion>
  </ows:ServiceIdentification>
  <ows:ServiceProvider>
    <ows:ProviderName>National Land Survey of Finland</ows:ProviderName>
    <ows:ProviderSite xlink:href="http://www.nls.fi"/>
    <ows:ServiceContact>
      <ows:ContactInfo>
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          <ows:Voice/>
          <ows:Facsimile/>
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          <ows:City>Helsinki</ows:City>
          <ows:AdministrativeArea/>
          <ows:PostalCode/>
          <ows:Country>Finland</ows:Country>
          <ows:ElectronicMailAddress>sovellustuki@maanmittauslaitos.fi</ows:ElectronicMailAddress>
        </ows:Address>
        <ows:OnlineResource xlink:href="http://www.nls.fi"/>
        <ows:HoursOfService>Office hours</ows:HoursOfService>
        <ows:ContactInstructions/>
      </ows:ContactInfo>
      <ows:Role/>
    </ows:ServiceContact>
  </ows:ServiceProvider>
  <ows:OperationsMetadata>
    <ows:Operation name="GetCapabilities">
      <ows:DCP>
        <ows:HTTP>
          <ows:Get xlink:href="https://inspire-wfs.maanmittauslaitos.fi/inspire-wfs/ad?"/>
          <ows:Post xlink:href="https://inspire-wfs.maanmittauslaitos.fi/inspire-wfs/ad"/>
        </ows:HTTP>
      </ows:DCP>
    </ows:Operation>
  </ows:OperationsMetadata>
</WFS_Capabilities>
```

Validointi ja testaus



Welcome to the INSPIRE Validator

The purpose of the INSPIRE validator is to help data providers, solution providers and national coordinators to check whether data sets, network services and metadata meet the requirements defined in the INSPIRE Technical Guidelines. The validator provides detailed test reports to help implementers understand how well their data, services, metadata or software solutions are doing (or where improvements may be needed).

The validator is based on the [Abstract and Executable Test Suites](#) agreed between Member States and the Commission in the INSPIRE Maintenance and Implementation Group, and includes a [helpdesk](#) to address feedback, bug reports and feature requests from the INSPIRE community. See the [changelog](#) of the [current](#) and [past releases](#) and the [release planning strategy](#) for the plan of future releases of the INSPIRE Validator.



Executable Test Suites

To start a Test Run, select one or multiple Test Suites with a click on the flip switches on the right-hand side ("use") and press the "Start" button that appears once at least one Test Suite is selected. Please note that the Test Suites are only applicable to certain Test Object types and therefore not all Test Suites are combinable for a Test Run. Additional information about a Test Suite will be shown with a click on the plus button.

View Services - WMS and WMTS (TG version 3.11)

Conformance Class: View Service - WMS

use

Conformance Class: View Service - WMTS

use

Download Services - WFS and ATOM (TG version 3.1)

Conformance Class: Download Service - Direct WFS

use

Conformance Class: Download Service - Pre-defined Atom

use

Conformance Class: Download Service - Pre-defined WFS

use

Vaihtoehtoisia toteutustapoja – ”Hyvät käytänteet”

OGC API – Features INSPIRE latauspalveluna

Setting up an INSPIRE Download service based on the OGC API-Features standard

Version: 1.0 Date: 2021-02-05

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Yhteiseen suuntaan

