

Belägenhetsadress Nedladdning Inspire v1.2 - teknisk beskrivning



Dokumentversion 1.2

Gränssnittsdefinition

Åtkomstpunkt

Atomflöde Produktion	https://api.lantmateriet.se/belagenhetsadress/atom/v1.2
Atomflöde Verifiering	https://api-ver.lantmateriet.se/belagenhetsadress/atom/v1.2

Inspire

Information

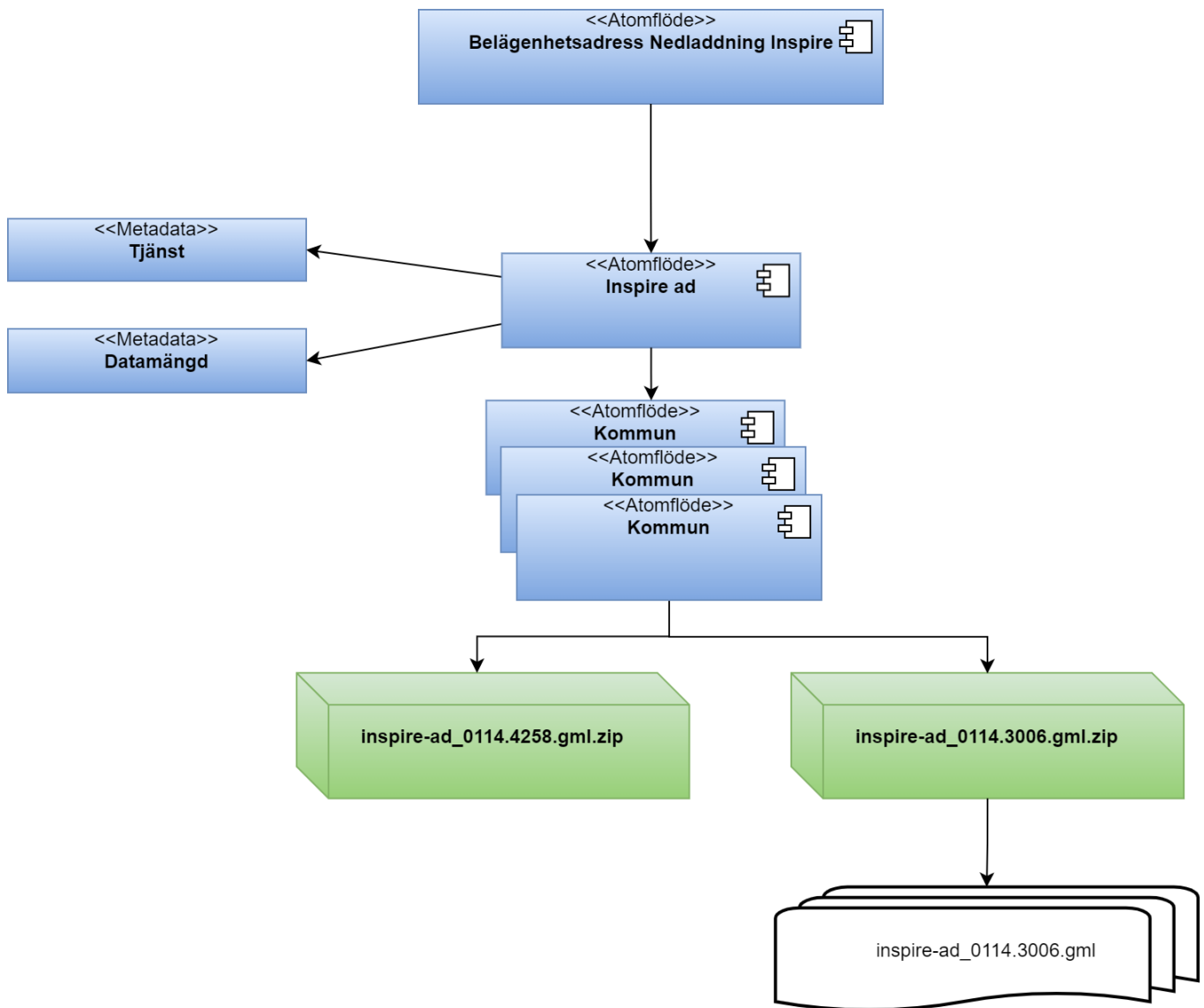
Inspire Geographical Names	https://inspire.ec.europa.eu/id/document/tg/ad
Inspire tekniska riktlinjer	http://inspire.jrc.ec.europa.eu/documents/Network_Services/Technical_Guidance_Download_Services_v3.1.pdf

Schema

Inspire Address	http://inspire.ec.europa.eu/schemas/ad/4.0/Addresses.xsd
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Atomflöde

Logisk struktur



Exempel

Atomflöde för tema, Inspire Addresses

Exempel

```
<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns:georss="http://www.georss.org/georss" xmlns="http://www.w3.org/2005/Atom" xmlns:inspire_dls="
http://inspire.ec.europa.eu/schemas/inspire_dls/1.0" xml:lang="sv">
  <id>https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad</id>
  <title>Inspire Addresses</title>
  <subtitle>Fördefinierade datamängder för Inspire Addresses</subtitle>
  <updated>2021-08-25T21:37:17+02:00</updated>
  <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad" rel="self" type="application
/atom+xml" hreflang="sv" title="Detta dokument"/>
  <link href="https://www.geodata.se/geodataportalen/srv/swe/csw-inspire?
request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&id=693c8f48-63c6-44ca-a5f4-
838af293e51d&outputSchema=csw:IsoRecord" rel="describedby" type="application/xml" hreflang="sv" title="
Metadata, nedladdningstjänst för Inspire Addresses"/>
  <link href="https://www.geodata.se/geodataportalen/GetMetaDataById?id=693c8f48-63c6-44ca-a5f4-838af293e51d"
rel="alternate" type="text/html" hreflang="sv" title="Metadata, nedladdningstjänst för Inspire Addresses (HTML)"
/>
  <link href="https://www.geodata.se/geodataportalen/opensearch/swe/693c8f48-63c6-44ca-a5f4-838af293e51d
/OpenSearchDescription.xml" rel="search" type="application/opensearchdescription+xml" hreflang="sv" title="
Opensearch-dokument för Inspireanpassad nedladdningstjänst"/>
  <rights>Produkten omfattas av upphovsrätt. Avtal för användning krävs, avgifter för användning tas ut.<
/rights>
  <author>
    <name>Geodatasupport</name>
    <email>geodatasupport@lm.se</email>
  </author>
  <entry>
    <id>https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114</id>
    <title>Inspire Addresses, Upplands Väsby (0114)</title>
    <summary>Fördefinierad datamängd Inspire Addresses, Upplands Väsby (0114)</summary>
    <updated>2021-08-25T15:14:02+02:00</updated>
    <inspire_dls:spatial_dataset_identifier_code>0e2a7d3f-8608-4eb0-80bb-6b9b7efc45f3</inspire_dls:
spatial_dataset_identifier_code>
    <inspire_dls:spatial_dataset_identifier_namespace>SE.LM.AD.0114</inspire_dls:
spatial_dataset_identifier_namespace>
    <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114" rel="alternate"
type="application/atom+xml" hreflang="sv" title="Inspire Addresses, Upplands Väsby (0114)"/>
    <link href="https://www.geodata.se/geodataportalen/srv/swe/csw-inspire?
request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&id=5615eaa7-bdf6-4cd7-a795-
0520c9ac60e5&outputSchema=csw:IsoRecord" rel="describedby" type="application/xml" hreflang="sv" title="Metadata
för datamängden Inspire Addresses"/>
    <link href="https://www.geodata.se/geodataportalen/GetMetaDataById?id=5615eaa7-bdf6-4cd7-a795-
0520c9ac60e5" rel="alternate" type="text/html" hreflang="sv" title="Metadata för datamängden Inspire Addresses
(HTML)"/>
    <category term="http://www.opengis.net/def/crs/EPSS/0/3006" label="SWEREF99 TM"/>
    <category term="http://www.opengis.net/def/crs/EPSS/0/4258" label="ETRS89"/>
    <georss:polygon>17.795353023658244 59.46176794121199 17.805780099182872 59.5874192075619
18.044168048264012 59.582092161979794 18.03285824326587 59.456467414706914 17.795353023658244 59.46176794121199<
/georss:polygon>
  </entry>
</feed>
```

Atomflöde för datamängd (Upplands Väsby kommun), Inspire Addresses

Exempel

```
<?xml version="1.0" encoding="UTF-8"?>
<feed xmlns:georss="http://www.georss.org/georss" xmlns="http://www.w3.org/2005/Atom" xmlns:inspire_dls="
http://inspire.ec.europa.eu/schemas/inspire_dls/1.0" xml:lang="sv">
  <id>https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114</id>
  <title>Fördefinierad datamängd Inspire Addresses, Upplands Väsby (0114)</title>
  <subtitle>Fördefinierad datamängd i olika referenssystem och format</subtitle>
  <updated>2021-08-25T15:14:02+02:00</updated>
  <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114" rel="self" type="
application/atom+xml" hreflang="sv" title="Detta dokument"/>
  <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad" rel="up" type="application
/atom+xml" hreflang="sv" title="Inspire Addresses"/>
  <link href="https://inspire.ec.europa.eu/featureconcept/Address" rel="describedby" type="text/html" title="
Featurtype Adress"/>
  <rights>Produkten omfattas av upphovsrätt. Avtal för användning krävs, avgifter för användning tas ut.<
/rights>
  <author>
    <name>Geodatasupport</name>
    <email>geodatasupport@lm.se</email>
  </author>
  <entry>
    <id>https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114/dataset?
srs=3006&format=application/zip</id>
    <title>Inspire Addresses, Upplands Väsby (0114) [EPSG:3006, GML]</title>
    <updated>2021-08-25T15:14:02+02:00</updated>
    <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114/dataset?
srs=3006&format=application/zip" rel="alternate" type="application/zip" hreflang="sv" title="inspire-ad_0114.
3006.gml.zip" length="1158542"/>
    <category term="http://www.opengis.net/def/crs/EPSG/0/3006" label="SWEREF99 TM"/>
  </entry>
  <entry>
    <id>https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114/dataset?
srs=4258&format=application/zip</id>
    <title>Inspire Addresses, Upplands Väsby (0114) [EPSG:4258, GML]</title>
    <updated>2021-08-25T15:14:02+02:00</updated>
    <link href="https://api.lantmateriet.se/belagenhetsadress/atom/v1.2/inspire/ad/0114/dataset?
srs=4258&format=application/zip" rel="alternate" type="application/zip" hreflang="sv" title="inspire-ad_0114.
4258.gml.zip" length="1228995"/>
    <category term="http://www.opengis.net/def/crs/EPSG/0/4258" label="ETRS89"/>
  </entry>
</feed>
```

Datamängd GML (Stockholms kommun), Inspire Geographical Names

Exempel

```
<?xml version="1.0" encoding="UTF-8"?>
<wfs:FeatureCollection xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:gn="http://inspire.ec.europa.eu/schemas
/gn/4.0" xmlns:ad="http://inspire.ec.europa.eu/schemas/ad/4.0" xmlns:base="http://inspire.ec.europa.eu/schemas
/base/3.3" xmlns:fes="http://www.opengis.net/fes/2.0" xmlns:gml="http://www.opengis.net/gml/3.2" xmlns:ows="
http://www.opengis.net/ows/1.1" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:wfs="http://www.
opengis.net/wfs/2.0" xsi:schemaLocation="http://www.opengis.net/wfs/2.0 http://schemas.opengis.net/wfs/2.0/wfs.
xsd http://www.opengis.net/gml/3.2 http://schemas.opengis.net/gml/3.2.1/gml.xsd" timeStamp="2021-09-02T16:07:
57.949775297+02:00" numberMatched="12519" numberReturned="12519">
  <wfs:boundedBy>
    <gml:Envelope srsName="http://www.opengis.net/def/crs/EPSG/0/4258">
      <gml:lowerCorner>59.466 17.815</gml:lowerCorner>
      <gml:upperCorner>59.566 18.012</gml:upperCorner>
    </gml:Envelope>
  </wfs:boundedBy>
  <wfs:member>
    <ad:Address gml:id="SE.LM.AD.ac3c4b69-b62f-48a3-a66e-5dfc8ee83c59">
      <ad:inspireId>
        <base:Identifier>
          <base:localId>ac3c4b69-b62f-48a3-a66e-5dfc8ee83c59</base:localId>
          <base:namespace>SE.LM.AD</base:namespace>
        </base:Identifier>
      </ad:inspireId>
    </ad:Address>
  </wfs:member>
</wfs:FeatureCollection>
```

```

        </base:Identifier>
    </ad:inspireId>
    <ad:position>
        <ad:GeographicPosition>
            <ad:geometry>
                <gml:Point gml:id="SE.LM.AD.PT.ac3c4b69-b62f-48a3-a66e-5dfc8ee83c59_P" srsName="http://www.opengis.net/def/crs/EPSSG/0/4258" srsDimension="2">
                    <gml:pos>59.517835956476034 17.90595036792499</gml:pos>
                </gml:Point>
            </ad:geometry>
            <ad:specification xlink:href="http://inspire.ec.europa.eu/codelist/GeometrySpecificationValue/entrance"/>
            <ad:method xlink:href="http://inspire.ec.europa.eu/codelist/GeometryMethodValue/byAdministrator"/>
            <ad:default>true</ad:default>
        </ad:GeographicPosition>
    </ad:position>
    <ad:locator>
        <ad:AddressLocator>
            <ad:designator>
                <ad:LocatorDesignator>
                    <ad:designator>13</ad:designator>
                    <ad:type xlink:href="http://inspire.ec.europa.eu/codelist/LocatorDesignatorTypeValue/addressIdentifierGeneral"/>
                </ad:LocatorDesignator>
            </ad:designator>
            <ad:name>
                <ad:LocatorName>
                    <ad:name>
                        <gn:GeographicalName>
                            <gn:language>SWE</gn:language>
                            <gn:nativeness xlink:href="http://inspire.ec.europa.eu/codelist/NativenessValue/endonym"/>
                            <gn:nameStatus xlink:href="http://inspire.ec.europa.eu/codelist/NameStatusValue/official"/>
                            <gn:sourceOfName>Swedish Address Register</gn:sourceOfName>
                            <gn:pronunciation xsi:nil="true" nilReason="http://inspire.ec.europa.eu/codelist/VoidReasonValue/Unknown"/>
                            <gn:spelling>
                                <gn:SpellingOfName>
                                    <gn:text/>
                                    <gn:script>Latn</gn:script>
                                </gn:SpellingOfName>
                            </gn:spelling>
                        </gn:GeographicalName>
                    </ad:name>
                    <ad:type xlink:href="http://inspire.ec.europa.eu/codelist/LocatorNameTypeValue/descriptiveLocator"/>
                </ad:LocatorName>
            </ad:name>
            <ad:level xlink:href="http://inspire.ec.europa.eu/codelist/LocatorLevelValue/siteLevel"/>
        </ad:AddressLocator>
    </ad:locator>
    <ad:validFrom>2019-01-07T10:35:13.386+01:00</ad:validFrom>
    <ad:beginLifespanVersion xsi:nil="true" nilReason="http://inspire.ec.europa.eu/codelist/VoidReasonValue/Unknown"/>
    <ad:component xlink:href="#SE.LM.AU.CY"/>
    <ad:component xlink:href="#SE.LM.AU.MU.0114"/>
    <ad:component xlink:href="#SE.LM.PD.19434"/>
    <ad:component xlink:href="#SE.LM.TN.33d98389-e63a-45c3-b108-af710caf1a71"/>
    <ad:component xlink:href="#SE.LM.AA.278da24a-d25c-4220-b81b-f9717e0f42e6"/>
    </ad:Address>
</wfs:member>
...
</wfs:FeatureCollection>

```

