

Technische Informationen

Blattschnitte (WFS-BS)

Landesvermessung und Geobasisinformation Brandenburg

Dieses Dokument enthält Beispielanfragen für den Blattschnitt-WFS-Dienst. Die Anfragen können an den Dienst mittels HTTP-POST und HTTP-GET gesendet werden. Der Dienst kann die Anfragen in der WFS-Version 1.1.0 und WFS-Version 2.0.0 entgegen nehmen.

Unterschiede zwischen WFS-Version 1.1.0 und WFS-Version 2.0.0

WFS 1.1.0	WFS 2.0.0
subtype=gml/3.1.1"	subtype=gml/3.2.1
version="1.1.0"	version="2.0.0"
xmlns:wfs="http://www.opengis.net/wfs"	xmlns:wfs="http://www.opengis.net/wfs/2.0
maxFeatures="2"	count="2"
typeName="app:tk100"	typeNames="app:tk100"
<Filter xmlns="http://www.opengis.net/ogc">	<Filter xmlns="http://www.opengis.net/fes/2.0">

HTTP-POST-Anfrage

Topographische Karte 1:10.000

Die Blattschnitte der TK 10 innerhalb einer Bounding Box.

WFS 1.1.0

```
<?xml version="1.0" encoding="utf-8"?>
<wfs:GetFeature version="1.1.0" outputFormat="text/xml; subtype=gml/3.1.1" xmlns:wfs="http://www.opengis.net/wfs"
xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/gml">
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeName="app:tk10">
    <Filter xmlns="http://www.opengis.net/ogc">
      <BBOX>
        <gml:Envelope srsName="EPSG:4326">
          <gml:lowerCorner>14.070 52.672</gml:lowerCorner>
          <gml:upperCorner>14.424 53.273</gml:upperCorner>
        </gml:Envelope>
      </BBOX>
    </Filter>
  </wfs:Query>
</wfs:GetFeature>
```

WFS 2.0.0

```
<?xml version="1.0" encoding="utf-8"?>
<wfs:GetFeature version="2.0.0" outputFormat="text/xml; subtype=gml/3.2.1"
xmlns:wfs="http://www.opengis.net/wfs/2.0" xmlns:ogc="http://www.opengis.net/ogc"
xmlns:gml="http://www.opengis.net/gml/3.2">
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeNames="app:tk10">
    <Filter xmlns="http://www.opengis.net/fes/2.0">
      <BBOX>
        <gml:Envelope srsName="EPSG:4326">
          <gml:lowerCorner>14.070 52.672</gml:lowerCorner>
          <gml:upperCorner>14.424 53.273</gml:upperCorner>
        </gml:Envelope>
      </BBOX>
    </Filter>
  </wfs:Query>
</wfs:GetFeature>
```

HTTP-GET-Anfrage

<URL des Dienstes>

```
?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:tk10&FILTER=<ogc:Filter
xmlns:gml="http://www.opengis.net/gml" xmlns:ogc="http://www.opengis.net/ogc"
xmlns:wfs="http://www.opengis.net/wfs" xmlns:app="http://www.deegree.org/app"><ogc:BBOX><gml:Envelope
srsName="EPSG:4326"><gml:lowerCorner>14.070 52.672</gml:lowerCorner><gml:upperCorner>14.424
53.273</gml:upperCorner></gml:Envelope></ogc:BBOX></ogc:Filter>
```

HTTP-POST-Anfrage

Topographische Karte 1:25.000 AS

Der Blattschnitte mit der Blattnummer „N-33-101-A-b“ aus dem Datensatz „tk25as“.

WFS 1.1.0

```
<?xml version="1.0" encoding="utf-8"?>
<wfs:GetFeature version="1.1.0" outputFormat="text/xml; subtype=gml/3.1.1" xmlns:wfs="http://www.opengis.net/wfs"
xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/gml">
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeName="app:tk25as">
    <Filter xmlns="http://www.opengis.net/ogc">
      <PropertyIsEqualTo>
        <PropertyName>app:blattnummer</PropertyName>
        <Literal>N-33-101-A-b</Literal>
      </PropertyIsEqualTo>
    </Filter>
  </wfs:Query>
</wfs:GetFeature>
```

WFS 2.0.0

```
<?xml version="1.0" encoding="utf-8"?>
<wfs:GetFeature version="2.0.0" outputFormat="text/xml; subtype=gml/3.2.1"
xmlns:wfs="http://www.opengis.net/wfs/2.0" xmlns:ogc="http://www.opengis.net/ogc"
xmlns:gml="http://www.opengis.net/gml/3.2" count="2">
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeNames="app:tk25as" >
    <Filter xmlns="http://www.opengis.net/wfs/2.0">
      <PropertyIsEqualTo>
        <ValueReference>app:blattnummer</ValueReference>
        <Literal>N-33-101-A-b</Literal>
      </PropertyIsEqualTo>
    </Filter>
  </wfs:Query>
</wfs:GetFeature>
```

HTTP-GET-Anfrage

<URL des Dienstes>

```
?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:tk25as&FILTER=<ogc:Filter
xmlns:gml="http://www.opengis.net/gml" xmlns:ogc="http://www.opengis.net/ogc"
xmlns:wfs="http://www.opengis.net/wfs"
xmlns:app="http://www.deegree.org/app"><ogc:PropertyIsEqual<ogc:PropertyName>app:blattnummer</ogc:PropertyNa
me><ogc:Literal>N-33-101-A-b</ogc:Literal></ogc:PropertyIsEqual></ogc:Filter>
```

HTTP-POST-Anfrage

Kachelung 5x5km

Die gesamte Kachelung des Landes Brandenburg im Raster von 5x5 km.

WFS 1.1.0

```
<?xml version="1.0" encoding="utf-8"?>  
<wfs:GetFeature version="1.1.0" outputFormat="text/xml; subtype=gml/3.1.1" xmlns:wfs="http://www.opengis.net/wfs">  
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeName="app:kachelung5km">  
  </wfs:Query>  
</wfs:GetFeature>
```

WFS 2.0.0

```
<?xml version="1.0" encoding="utf-8"?>  
<wfs:GetFeature version="2.0.0" outputFormat="text/xml; subtype=gml/3.2.1"  
xmlns:wfs="http://www.opengis.net/wfs/2.0">  
  <wfs:Query xmlns:app="http://www.deegree.org/app" typeNames="app:kachelung5km">  
  </wfs:Query>  
</wfs:GetFeature>
```

HTTP-GET-Anfrage

<URL des Dienstes>

?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:kachelung5km