

## 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">

## 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>
```

### GET

<URL des Dienstes>

```
?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:tk10&FILTER=%3Cogc%3AFilter%20xmlns%3A
gml%3D%22http%3A%2F%2Fwww.opengis.net%2Fgml%22%20xmlns%3Aogc%3D%22http%3A%2F%2Fwww.opengis
.net%2Fogc%22%20xmlns%3Awfs%3D%22http%3A%2F%2Fwww.opengis.net%2Fwfs%22%20xmlns%3Aapp%3D%22
http%3A%2F%2Fwww.deegree.org%2Fapp%22%3E%3Cogc%3ABBOX%3E%3Cgml%3AEnvelope%20srsName%3D
%22EPSG%3A4326%22%3E%3Cgml%3AlowerCorner%3E14.070%2052.672%3C%2Fgml%3AlowerCorner%3E%3Cg
ml%3AupperCorner%3E14.424%2053.273%3C%2Fgml%3AupperCorner%3E%3C%2Fgml%3AEnvelope%3E%3C%2F
ogc%3ABBOX%3E%3C%2Fogc%3AFilter%3E
```

Weitere Informationen erhalten Sie beim Kundenservice der LGB  
(kundenservice@geobasis-bb.de • Telefon: +49 331 8844-123) oder unter [www.geobasis-bb.de](http://www.geobasis-bb.de)

## 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/fes/2.0">
      <PropertyIsEqualTo>
        <ValueReference>app:blattnummer</ValueReference>
        <Literal>N-33-101-A-b</Literal>
      </PropertyIsEqualTo>
    </Filter>
  </wfs:Query>
</wfs:GetFeature>
```

### GET

<URL des Dienstes>

```
?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:tk25as&FILTER=%3Cogc%3AFilter%20xmlns%3A
gml%3D%22http%3A%2F%2Fwww.opengis.net%2Fgml%22%20xmlns%3Aogc%3D%22http%3A%2F%2Fwww.openg
is.net%2Fogc%22%20xmlns%3Aapp%3D%22http%3A%2F%2Fwww.deegree.org%2Fapp%22%3E%3Cogc%3APropertyIsEqual%3Cogc%3AProperty%3Eap
p%3Ablattnummer%3C%2Fogc%3APropertyName%3E%3Cogc%3ALiteral%3EN-33-101-A-
b%3C%2Fogc%3ALiteral%3E%3C%2Fogc%3APropertyIsEqual%3E%3C%2Fogc%3AFilter%3E
```

## 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" typeName="app:kachelung5km">  
  </wfs:Query>  
</wfs:GetFeature>
```

### GET

<URL des Dienstes>?Service=WFS&Version=1.1.0&Request=GetFeature&Typename=app:kachelung5km