

Shapefile Extension

The Shapefile Extensions provides the support for ESRI shapefiles files. A ESRI 'shapefile' is a bundle of files with the same base name but with different extensions - *.shp, *.dbf, *.prf, *.shx, *.shp.xml, etc. When a shapefile is uploaded in the ScienceBase Catalog UI, this extension is created as well as a corresponding spatial service.

Properties

Property	Type	Description
className	String	= "gov.sciencebase.catalog.item.facet.ShapefileFacet" A discriminator used by the system to identity the extension type
name	String	name of the shapefile
geometryType	String	The type of geometry, e.g. "MultiLineString"
nativeCrs	String	the project of the geometry in the shapefile
files	List<ItemFile>	the files in the extension
boundingBox	Map<String, Double>	the bounding box, see example for details

Example

```
{
  className: "gov.sciencebase.catalog.item.facet.ShapefileFacet",
  name: "shoreline_aoil",
  geometryType: "MultiLineString",
  nativeCrs: "EPSG:26911",
  files: [
    {
      name: "shoreline_aoil.shp",
      title: "",
      contentType: "x-gis/x-shapefile",
      contentEncoding: null,
      pathOnDisk: "__disk__47/5c/75/475c75b8be6c7e33d8b2d65d361d46c1ead05e15",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 1362612,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
      originalMetadata: false,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__47%2F5c%2F75%2F475c75b8be6c7e33d8b2d65d361d46c1ead05e15"
    },
    {
      name: "shoreline_aoil.dbf",
      title: "",
      contentType: "application/octet-stream",
      contentEncoding: null,
      pathOnDisk: "__disk__47/8f/bb/478fbb4d5340edf31a2e313a8469ee47949d1ce8",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 1246,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
      originalMetadata: false,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__47%2F8f%2Fbb%2F478fbb4d5340edf31a2e313a8469ee47949d1ce8"
    }
  ]
}
```

```
    },
    {
      name: "shoreline_aoil.shx",
      title: "",
      contentType: "x-gis/x-shapefile",
      contentEncoding: null,
      pathOnDisk: "__disk__3d/64/42/3d644253f5c5b4816ff1d37d6fca2307dfda7a47",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 756,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
      originalMetadata: false,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__3d%2F64%2F42%2F3d644253f5c5b4816ff1d37d6fca2307dfda7a47"
    },
    {
      name: "shoreline_aoil.prj",
      title: "",
      contentType: "text/plain",
      contentEncoding: null,
      pathOnDisk: "__disk__d9/71/00/d971007e9ca41e9b79884dae64182d0d1144a47c",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 542,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
      originalMetadata: false,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__d9%2F71%2F00%2Fd971007e9ca41e9b79884dae64182d0d1144a47c"
    },
    {
      name: "shoreline_aoil.shp.xml",
      title: "",
      contentType: "application/fgdc+xml",
      contentEncoding: null,
      pathOnDisk: "__disk__1c/e9/f7/1ce9f7422d54646a264c18bc811484ac6e61b870",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 8246,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
      originalMetadata: true,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__1c%2Fe9%2Ff7%2F1ce9f7422d54646a264c18bc811484ac6e61b870"
    },
    {
      name: "shoreline_aoil.cpg",
      title: "",
      contentType: "text/plain",
      contentEncoding: null,
      pathOnDisk: "__disk__47/f6/5f/47f65f2be67724d1e2cab98460e2348df9cb92bc",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 5,
      dateUploaded: "2015-06-26T16:11:15Z",
      uploadedBy: "mpal@usgs.gov",
```

```
originalMetadata: false,
useForPreview: false,
s3Object: null,
url: "https://www.sciencebase.gov/catalog/file/get/558d79b7e4b0b6d21dd6577a?f=__disk__47%2Ff6%2F5f%
2F47f65f2be67724d1e2cab98460e2348df9cb92bc"
}
],
boundingBox: {
  minY: 34.34809237150859,
  minX: -120.43213807117574,
  maxY: 34.49032608137047,
  maxX: -119.45769686751457
},
}
```