

# ESRI Service Definition Extension

The service definition extensions provides the support for ArcGIS .sd files. Uploading an SD file to an item creates this extension and if the item is public a service is created on the ScienceBase ArcGIS server.

## Properties

Property	Type	Description
<b>className</b>	String	= "gov.sciencebase.catalog.item.facet.ServiceDefinitionFacet" A discriminator used by the system to identify the extension type
<b>name</b>	String	name of the SD file
<b>servicePath</b>	String	Identifier for the service on ArcGIS, this is usually the Item ID and a MapServer service would be hosted at <a href="https://www.sciencebase.gov/arcgis/rest/services/Catalog/&lt;ItemID&gt;/MapServer">https://www.sciencebase.gov/arcgis/rest/services/Catalog/&lt;ItemID&gt;/MapServer</a>
<b>serviceId</b>	String	(same as servicePath)
<b>processing State</b>	String	"success", "failed", "pending", "void". Indicates the status of loading this from ScienceBase Catalog into the ScienceBase ArcGIS server
<b>processing Message</b>	String	A note about the status
<b>filePathUsed</b>	String	An identifier used to locate the file in the ScienceBase file repository
<b>serverType</b>	String, URI	MapServer or ImageServer. If not specified, MapServer is assumed
<b>files</b>	List<ItemFile>	A list of files including the SD file and possibly a thumbnail image if one was found in the SD
<b>enabledServices</b>	List	list of services enabled on ArcGIS, such as "KmlServer", "WMSServer"
<b>boundingBox</b>	Map<String, Double>	the bounding box, see example for details

## Example

```

{
  className: "gov.sciencebase.catalog.item.facet.ServiceDefinitionFacet",
  name: "SRLCC_2011_Fleishman_NavajoNation_MountainLionConnectivity.sd",
  servicePath: "557f6421e4b023124e8ef848",
  serviceId: "557f6421e4b023124e8ef848",
  processingState: "success",
  processingMessage: "",
  filePathUsed: "__disk__6e/1f/ba/6e1fbac78b0f04089919e6738e117d9c3d12676c",
  serverType: "",
  files: [
    {
      name: "SRLCC_2011_Fleishman_NavajoNation_MountainLionConnectivity.sd",
      title: "",
      contentType: "x-gis/x-arcgis-service-def",
      contentEncoding: null,
      pathOnDisk: "__disk__6e/1f/ba/6e1fbac78b0f04089919e6738e117d9c3d12676c",
      processed: false,
      processToken: null,
      imageWidth: null,
      imageHeight: null,
      size: 22307542,
      dateUploaded: "2015-06-15T23:46:41Z",
      originalMetadata: true,
      useForPreview: false,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/557f6421e4b023124e8ef848?f=__disk__6e%2F1f%2Fba%2F6e1fbac78b0f04089919e6738e117d9c3d12676c"
    },
    {
      name: "thumbnail.png",
      title: null,
      contentType: "image/png",
      contentEncoding: null,
      pathOnDisk: "__disk__10/d9/ec/10d9ec85748e5f77836f5b38929795c474727de1",
      processed: null,
      processToken: null,
      imageWidth: 200,
      imageHeight: 133,
      size: 46494,
      dateUploaded: "2015-06-15T23:47:45Z",
      originalMetadata: null,
      useForPreview: null,
      s3Object: null,
      url: "https://www.sciencebase.gov/catalog/file/get/557f6421e4b023124e8ef848?f=__disk__10%2Fd9%2Fec%2F10d9ec85748e5f77836f5b38929795c474727de1"
    }
  ],
  enabledServices: [
    "KmlServer",
    "WMSServer"
  ],
  boundingBox: {
    minY: 34.2011138863826,
    minX: -113.050594383325,
    maxY: 38.2818302593492,
    maxX: -107.001528548052
  }
}

```