

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
className	String	= "gov.sciencebase.catalog.item.facet.ServiceDefinitionFacet" A discriminator used by the system to identify the extension type
name	String	name of the SD file
servicePath	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/<ItemID>/MapServer">https://www.sciencebase.gov/arcgis/rest/services/Catalog/<ItemID>/MapServer
serviceId	String	(same as servicePath)
processing State	String	"success", "failed", "pending", "void". Indicates the status of loading this from ScienceBase Catalog into the ScienceBase ArcGIS server
processing Message	String	A note about the status
filePathUsed	String	An identifier used to locate the file in the ScienceBase file repository
serverType	String, URI	MapServer or ImageServer. If not specified, MapServer is assumed
files	List<ItemFile>	A list of files including the SD file and possibly a thumbnail image if one was found in the SD
enabledServices	List	list of services enabled on ArcGIS, such as "KmlServer", "WMSServer"
boundingBox	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
  }
}

```