
Subject: Re: ESRI shape file

Posted by [d.poreh](#) on Mon, 30 Aug 2010 10:05:48 GMT

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On Aug 28, 4:31 am, Klemen <klemen.zak...@gmail.com> wrote:

```
> There is an example of creating a point shape file in Help as Max said
> (see below). Creating a polygon is slightly more difficult; if you need
> such an example let me know.
> Cheers, Klemen
>
> PRO ex_shapefile_newfile
>
> ;Create the new shapefile and define the entity type to Point
> mynewshape=OBJ_NEW('IDLffShape', FILEPATH('cities.shp', $
>   SUBDIR=['examples', 'data']), /UPDATE, ENTITY_TYPE=1)
>
> ;Set the attribute definitions for the new Shapefile
> mynewshape->AddAttribute, 'CITY_NAME', 7, 25, $
>   PRECISION=0
> mynewshape->AddAttribute, 'STAT_NAME', 7, 25, $
>   PRECISION=0
>
> ;Create structure for new entity
> entNew = {IDL_SHAPE_ENTITY}
>
> ; Define the values for the new entity
> entNew.SHAPE_TYPE = 1
> entNew.BOUNDS[0] = -104.87270
> entNew.BOUNDS[1] = 39.768040
> entNew.BOUNDS[2] = 0.00000000
> entNew.BOUNDS[3] = 0.00000000
> entNew.BOUNDS[4] = -104.87270
> entNew.BOUNDS[5] = 39.768040
> entNew.BOUNDS[6] = 0.00000000
> entNew.BOUNDS[7] = 0.00000000
> entNew.N_VERTICES = 1 ; take out of example, need as workaround
>
> ;Create structure for new attributes
> attrNew = mynewshape ->GetAttributes(/ATTRIBUTE_STRUCTURE)
>
> ;Define the values for the new attributes
> attrNew.ATTRIBUTE_0 = 'Denver'
> attrNew.ATTRIBUTE_1 = 'Colorado'
>
> ;Add the new entity to new shapefile
> mynewshape -> PutEntity, entNew
>
> ;Note that because this is a new shapefile, the index of
```

```
> ;the new entity is zero.  
> entity_index=0  
>  
> ;Add the Colorado attributes to new shapefile.  
> mynewshape -> SetAttributes, entity_index, attrNew  
>  
> ;Close the shapefile  
> OBJ_DESTROY, mynewshape  
>  
> END
```

thanks. it works perfect.

Cheers,

Dave

@ Dear Klemen. Thanks I jut want to create a point point shape file.
