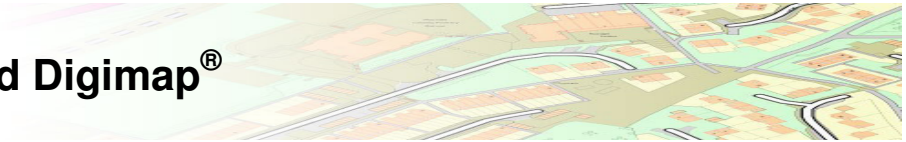


OS MasterMap[®] and Digimap[®]



OS MasterMap Symbology in ArcGIS 9.1

This document describes how to symbolise OS MasterMap data in ArcGIS 9.1. Methods of symbolisation may differ slightly using other versions of ArcGIS.

Sample ArcGIS 9.1 Layer files (.lyr) have been created for use with the sample OS MasterMap data.

The files make use of the OSMasterMap.style ArcGIS style file which is provided with MapManager 9.1. The ESRI font file esri_121.ttf also needs to be installed. These files can be obtained from the MapManager 9 installation folder under 'layers & symbology\ArcMap825Symbology\ArcMap82lyrfiles_v2.1'. There are also instructions in the Symbolisingv21.doc file on how to install these components.

To display the text correctly you will also need to download the OS MasterMap Annotation Text extension from the ESRI UK website (add this link perhaps?).

The Layer files are provided for the Point, Symbol, Boundary, Line and Area feature tables that are created when the OS MasterMap is imported into an ESRI Personal Geodatabase, using MapManager.

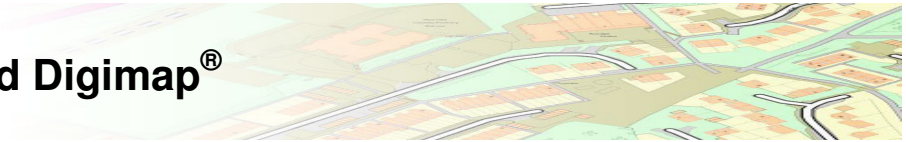
The Layer files are provided in a single zip file that should be unzipped before using.

To use each Layer file the Personal Geodatabase should be loaded into ArcMap. Select a Layer, e.g. OSArea, and right click on it and select the 'Properties' (button at the bottom of the form). This will bring up the Layer Properties form. Select the Symbology tab on this form, and then click on the 'Import' (button near the top right hand corner of the form). This will then bring up the Import Symbology form. Ensure that the toggle 'Import symbology definitions from another layer in the map or from a layer file' is selected, and then click on the 'open folder' icon. This will bring up the 'Import Symbology from Layer' form. Navigate to the folder where the downloaded Layer files have been unzipped, and select the appropriate layer file e.g. OSArea.lyr. Lastly, click on 'Add', and then 'OK' the remaining forms. The Area adapt should now display correctly. Repeat the process for the remaining layers.

There are two mechanisms that can be used to display OS MasterMap text in ArcGIS depending on what options are selected in MapManager for import. On the 'Features to Convert' screen of the MapManager wizard there is the option to convert 'Cartographic Text'. This should be selected to create text features in the Anno feature table of the Geodatabase. A sub-option to 'Cartographic Text' is the 'Generate GDB Annotation' option. If this is selected, the Geodatabase Annotation features will be created.

To display the 'Cartographic Text' correctly, the OS MasterMap Text Renderer needs to be downloaded from the ESRI (UK) web site. (Note – this may require a separate login to their support pages). Once installed, the Annotation (e.g. OSAnno) feature table can be

OS MasterMap[®] and Digimap[®]



displayed correctly by bringing up the Layer Properties forms and selecting the Symbology tab. There should now be an entry called MasterMap Renderers in the left panel which you should select. Select 'Cartographic Text' and then click on 'OK'. The text should now be drawn in the correct font, size, rotation etc.

All 'GDB Annotation' text should automatically display correctly.

See the pages on the ESRI website for more details, at: <http://www.esriuk.com/products/product.asp?prodid=85&groupid=18>.

According to ESRI (UK) "Implementing cartographic text only can improve Change-only Update application performance significantly".