

DOBBIN Introductory Tutorial

Producing a Web Map

DOBBIN (Database of Bridleway and Byway Information) is the mapping workhorse of the whole Equestrian Access Mapping Project. It provides full facilities and tools for building and displaying web maps either for a volunteers own use or for public access. Registering and logging in to DOBBIN gives access to a personal workspace to which mapping data (routes and markers) may be uploaded and displayed and provides secure storage of a volunteer's mapping data.

- The purpose of this Tutorial is to take you through the basic steps of producing a simple web map having first plotted your routes and any markers on either Memory Map, Magic Map or on a GPS or Smartphone.
- You should have a GPX file containing your work in your PC (or Mac) filestore. DEFRA Magic Map users should have a zip file containing a SHP file set (downloaded from Magic Map site).

This tutorial assumes you have been registered with username and password on Dobbin.

Section 1. – Producing a Simple Web Map on Dobbin

- Shows you how to produce and display your route/ride on a web map on Dobbin/Ridemaps.

Section 2. – Producing more Advanced Maps

- Explains how you can produce more advanced maps with waypoint markers

1. Producing a Simple Web Map on Dobbin

This worksheet takes a GPX file containing your route, paths or ride map, which you have plotted on Memory Map, Magic Map or other software and builds and displays web map showing your plotted paths.

Before starting this tutorial you will need to be registered with a user name and password on Dobbin. Please email access@bhs.org.uk and request to be registered for Dobbin. You will need to state in which region you are planning to produce maps.

1.1 Login To Dobbin

- Visit Page <http://www.bhsaccess.org.uk/dobbin/>. OR follow link to Dobbin from www.bhsaccess.org.uk
- Click on your Region either on the map or on the side menu.
- Enter your username and password and click "Login". If successful you see a comprehensive Menu.

1.2 Build a Map

- On the Menu Click "Build a Map" and Click "Create New Map".
On the next screen you will see lines for Layer 1 to Layer 5. This is where you select the path and marker data to display on your map.
- For Layer 1, Click the button to Select (or Choose) the (.gpx) file on your PC which contains the data of your route/ride. – Note that the button name is dependent which browser you are using.
From the example on Worksheet 4 you should select the file "MyNewRide.gpx"
- For Layer 2, Click the button to Select (or Choose) the (.gpx) which contains the Waypoint data of your route/ride. From the example on Worksheet 4 you should select the file "MyNewRide Waypoints.gpx"
- Ignore other options on the screen and Click "Process Files".

1.3 Specify Your Map Title and Header Text

The next screen enables you to specify appropriate headings and text for your displayed map and adjust other parameters.

- Note that the name of the first layer file you specified has been used as default for the name of your map and map headings. Change these if you wish.
- Enter Heading Text for your map as appropriate. This should be a brief description of your route/ride.
- For this Tutorial you need not adjust any other parameters of options. Just Click "Produce and Save Map"

1.4 View Your Map

Click "View Your Map" to see your finished product

2. Producing a more Advanced Web Map

If you look at the maps on the Ridemaps site you will find many of them show way marker flags along a route with descriptions.

It is very easy to produce similar maps. It is easiest if you are using Memory Map but equally good results can be achieved using Magic Map.

For Memory Map Users:

There is an extended marker symbol set that you can download and install. Once this installed on Memory Map you can add waypoint numbered flags and other symbols to your map (on Memory Map). These symbols are fully compatible with Dobbin and your loaded map will display exactly the same symbols that you have displayed on you Memory Map display. What you see on Memory Map will be what is displayed on the web map on Dobbin.

- Construct your map on Dobbin using the extra marker symbols.
- Put text in your markers and route names
- Download the symbol set.
- Export to GPX File
- Produce you web map as in Section 1. above.

For Magic Map Users:

On Magic Map you CANNOT specify different symbols nor label tracks or markers. HOWEVER, once your work has been uploaded to DOBBIN, you can user editing facilities on DOBBIN to display different marker symbols and track and marker label texts. This is covered in the DOBBIN Advanced Features Tutorial.