

## Working with Scripts in Oasis montaj

Scripting refers to the act of creating and running a file that will carry out many operations in a row. If you perform a task repeatedly in Oasis montaj, you can automate the task using a script. Geosoft Scripts are ASCII files (with a \*.gs extension) that contain a series of actions or commands that are grouped together in a single file to accomplish a task automatically. This How-to Guide is intended to provide you with a basic introduction to Geosoft Scripts in Oasis montaj.

### Some typical uses for scripts include:

- Automate complex or repetitive tasks
- Create standard map layouts
- Run Oasis montaj functions from the DOS command prompt
- Process large amounts of data overnight

Geosoft Scripts work by recording the actions you perform on a dataset. When you run a script, the commands you recorded are executed on data in a specified project. You can run scripts either interactively in Oasis montaj or from the command line using the Oasis montaj Scripts Processor (OMS.exe).

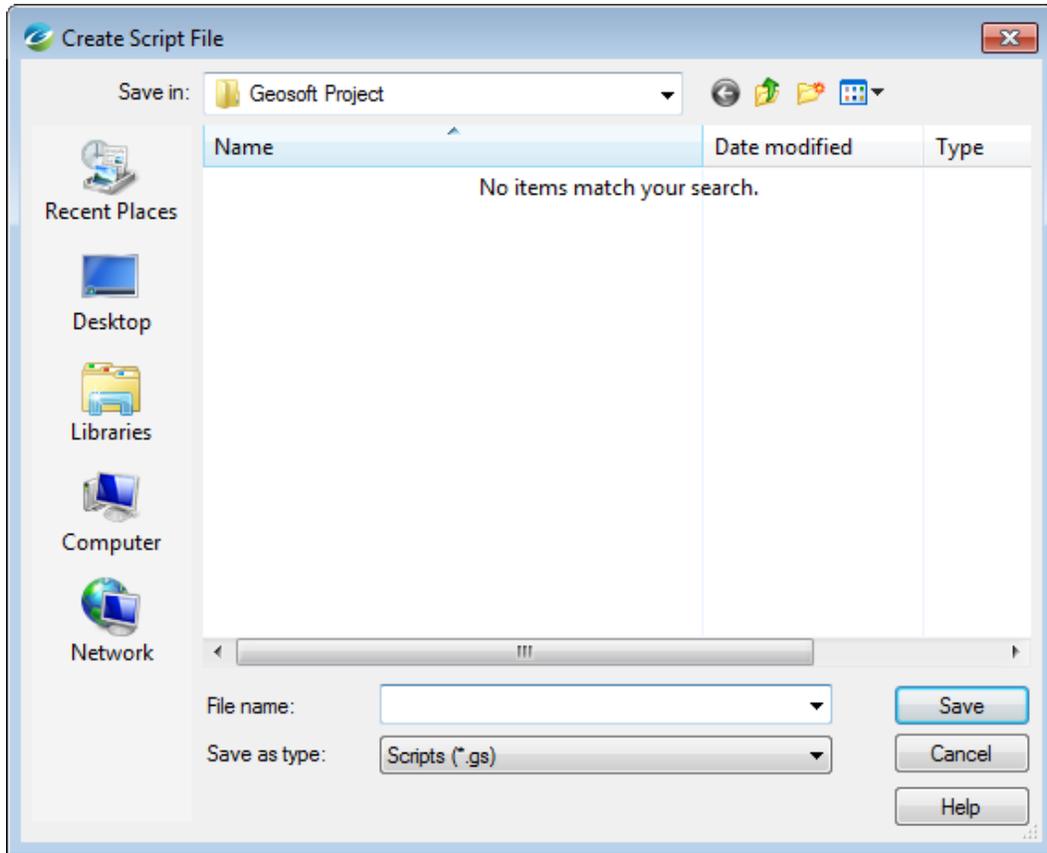
 For more information on using Scripts, see the *Creating Scripts In Oasis montaj Technical Note*, available online at: [www.geosoft.com/resources/technotes/](http://www.geosoft.com/resources/technotes/)

## Batch Processing with Scripts

Oasis montaj Scripts are ASCII files that define a series of processing actions to be performed on selected datasets. You can run scripts interactively in Oasis montaj using the script toolbar buttons or the *Scripting* commands found under the GX menu.

### To Create a Script File

1. On the GX menu, select *Scripting* and then select **Record Script**.  
The *Create Script File* dialog appears

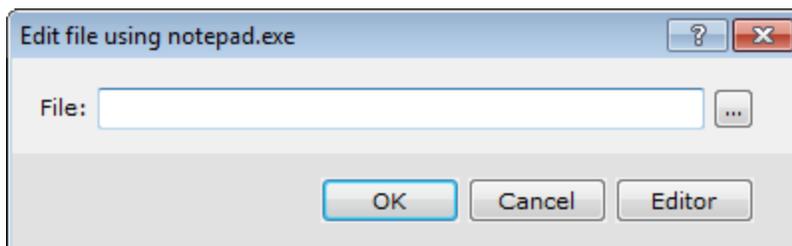


2. Specify a *File name*
3. Click **Save**.
4. Perform your scripting actions.
5. On the *GX* menu, click **Stop recording...** The system stops recording your actions. All of your actions were recorded and saved to the specified script **\*.gs** file.

 Click the **Help** button for more information on creating a Script file.

### To view a Script

1. On the *Edit* menu, click **Edit a File**.  
The *Edit file...* dialog appears.



2. Using the *Browse* button, select the script file from your project folder.
3. Click **OK**. The system opens up the file in your default text editor.

**Example**

In the example below, we created a script file using the script file record option. This operation writes a script file (\*.GS) by recording each GX that you run during the session until you stop script recording (from the GX menu). The resulting (\*.GS) file contains sufficient parameter and database information to run the selected GXs in the same sequence. We recorded a script of two different GXs - added a line path and line profiles to a map.

Below is the recorded script file *test.GS*.

The two GXs that were recorded are shown beside the GX command: PATH and PROFILE.

```
/-----  
/ LOG OPENED : Mon Sep 10 15:37:30 2012  
/-----  
CURRENT Map,"e:\testing\Magnetics.map"  
CURRENT Grid,"e:\testing\mag.grd(GRD)"  
CURRENT Database,"e:\testing\Mag.gdb"  
SETINI PATH.LINE_COLOR="K"  
SETINI PATH.LINE_THICKNESS="0.15"  
SETINI PATH.TICKFLAG="0"  
SETINI PATH.LABEL_FORMAT="TL"  
SETINI PATH.LABEL_DIR="0"  
SETINI PATH.LABEL_COMPASS="0"  
SETINI PATH.LABEL_LOCATION="1"  
SETINI PATH.LABEL_SIZE="2.5"  
SETINI PATH.LABEL_COLOR="K"  
SETINI PATH.LABEL_WEIGHT="0"  
SETINI PATH.H_OFFSET="2"  
SETINI PATH.V_OFFSET="0"  
SETINI PATH.GAP="0"  
SETINI PATH.THINRES="0.02"  
GX path.gx  
CURRENT Map,"e:\testing\Magnetics.map"  
CURRENT Grid,"e:\testing\mag.grd(GRD)"  
CURRENT Database,"e:\testing\Mag.gdb"  
SETINI PROFILE.CHANNEL="mag"  
SETINI PROFILE.SCALE="100"  
SETINI PROFILE.BASE=""  
SETINI PROFILE.LOG="0"  
SETINI PROFILE.LOGBASE="1.0"  
SETINI PROFILE.SMOOTH="0"  
SETINI PROFILE.COLOR="MY"  
SETINI PROFILE.THICKNESS="0.15"  
SETINI PROFILE.STYLE="0"  
SETINI PROFILE.PITCH="5"  
SETINI PROFILE.PFILCOL="N"
```

```
SETINI PROFILE.NFILCOL="N"  
SETINI PROFILE.GAP=""  
SETINI PROFILE.JOIN="1"  
SETINI PROFILE.PLOTORDER="1"  
GX profile.gx
```

```
/-----  
/ LOG CLOSED : Mon Sep 10 15:37:46 2012  
/-----
```

 For more information on using Scripts, see the *Creating Scripts In Oasis montaj Technical Note*, available online at: [www.geosoft.com/resources/technotes/](http://www.geosoft.com/resources/technotes/)

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