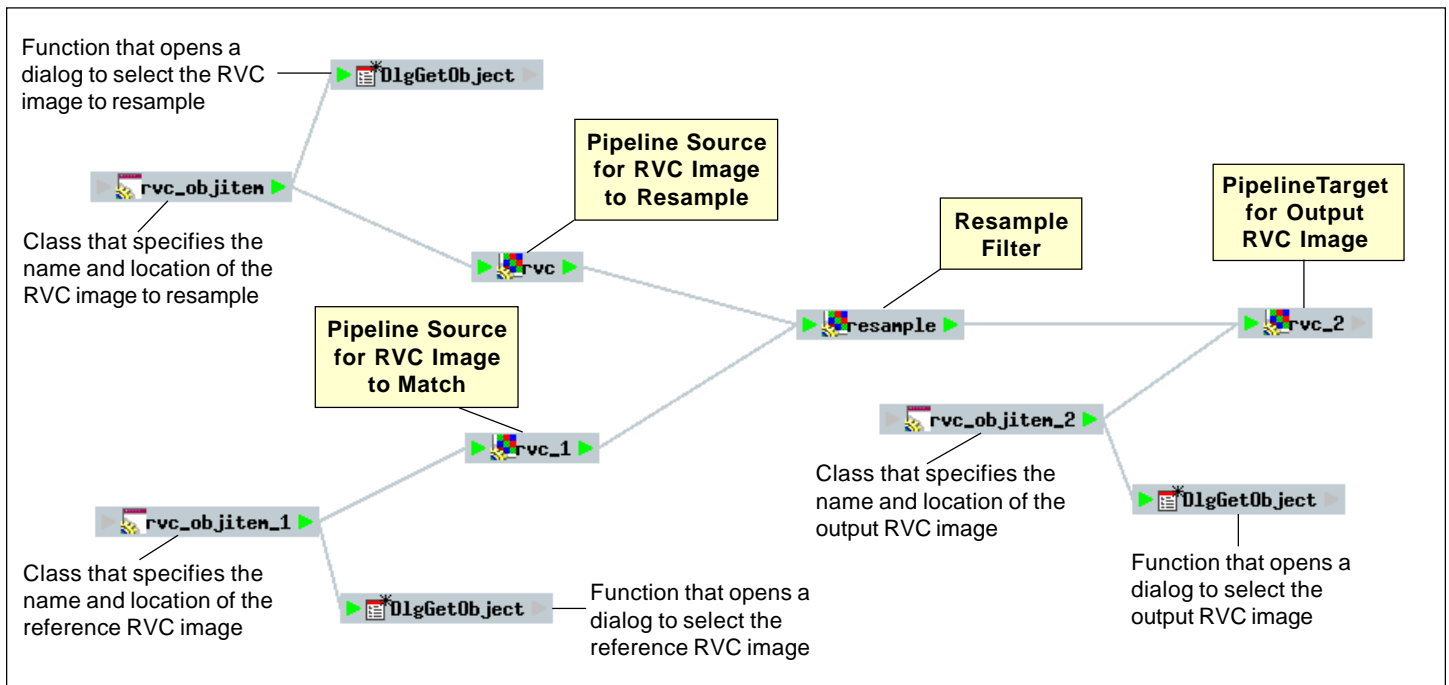
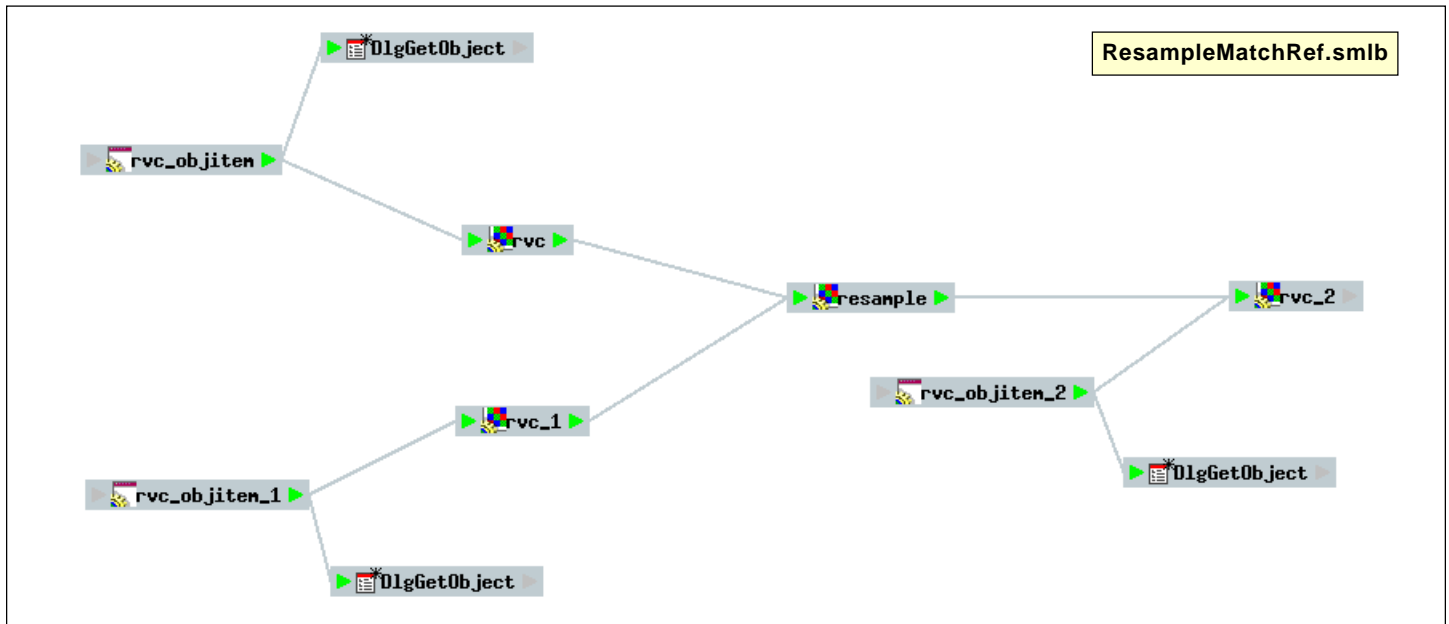


Reproject Image To Match Reference



The Builder sample file ResampleMatchRef.smlb generates a script that takes resamples and reprojects a raster image in a TNTmips Project File to a match the projection, extents, and cell size of a reference RVC raster image. This structure takes advantage of the modular design of the SML

Image Pipeline. This Script Builder sample can be modified easily to substitute different input or output raster file formats (e.g., RVC, PNG, JPEG, MRSID, ERS) or to insert additional image operations (image pipeline filters). The code generated by this Builder file is shown on the reverse.

(over)

Many sample scripts and Script Builder files have been prepared to illustrate how you might use the features of the TNT products' scripting language for scripts and queries. These scripts and Builder files are distributed with TNTmips and also can be downloaded from www.microimages.com/downloads/scripts.htm.

Code generated by Builder example ResampleMatchRef.smlb

```
numeric err = 0;
### rvc_objitem ###
class RVC_OBJITEM rvc_objitem;

### DlgGetObject ###
err = DlgGetObject("Choose raster to resample:", "Raster", rvc_objitem,
"ExistingOnly");

### rvc ###
class IMAGE_PIPELINE_SOURCE_RVC rvc(rvc_objitem);
err = rvc.Initialize();

### rvc_objitem_1 ###
class RVC_OBJITEM rvc_objitem_1;

### DlgGetObject ###
err = DlgGetObject("Choose reference raster:", "Raster", rvc_objitem_1,
"ExistingOnly");

### rvc_1 ###
class IMAGE_PIPELINE_SOURCE_RVC rvc_1(rvc_objitem_1);
err = rvc_1.Initialize();

### resample ###
class IMAGE_PIPELINE_FILTER_RESAMPLE resample(rvc, rvc_1,
"BicubicSharper");
err = resample.Initialize();

### rvc_objitem_2 ###
class RVC_OBJITEM rvc_objitem_2;

### DlgGetObject ###
err = DlgGetObject("Choose output raster:", "Raster", rvc_objitem_2,
"NewOnly");

### rvc_2 ###
class IMAGE_PIPELINE_TARGET_RVC rvc_2(resample, rvc_objitem_2);
err = rvc_2.Initialize();
err = rvc_2.Process();
```