Exercise 6 – Customizing ArcPad Toolbars

Session Objectives: At the conclusion of this session, you will be able to:

- ❑ Use ArcPad in Design Mode to create a custom toolbar applet.
- ❑ Use ArcPad Studio to customize an applet.
- ❑ Add the toolbar applet to ArcPad on the Trimble unit.

Material Created By: Eric Kelchlin, June 2011

Revision: January 2012

Software: ArcPad 10 SP3, ArcPad Studio 10 SP3

Directory Path: C:\Documents and Settings\All Users\Documents\ArcPad\Applets

Files: EricToolbar.apa

Introduction

You have three ways to customize the default toolbars:

- ❑ Favorites – choose your favorite tools to display on a single toolbar. This is done on the fly in ArcPad (easy but limited).
- ❑ Modify Built-in Toolbars – modify existing toolbars using ArcPad in Design Mode OR create an applet in ArcPad Studio (easy and more options).
- ❑ Create User Defined Custom Toolbars – create custom commands and toolbars with VBScript or JScript in ArcPad Studio (not easy, but only limited by your creativity).

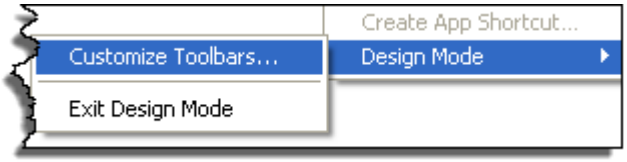
SECTION 1 – Creating a Custom Toolbar in ArcPad Design Mode

This section walks though the process of creating an applet using the Desing Mode in ArcPad on your PC. This can be done in ArcPad Studio as well, but the Design Mode method is easier. The applet will automatically load in ArcPad when the applete (.apa) file is saved in the Program Files\ArcPad\Applets folder on your Trimble GPS unit.

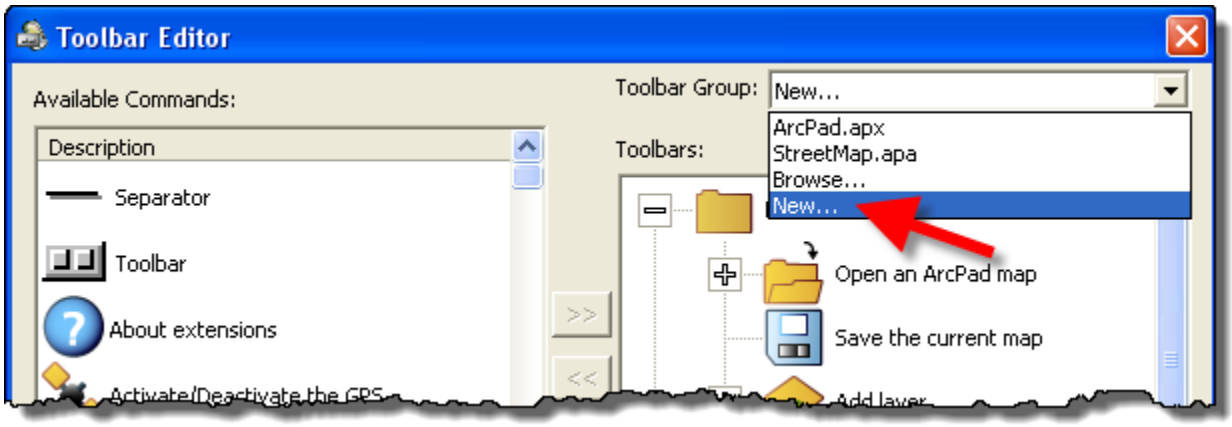
1. Open ArcPad 10 on your PC and open a New Map.

2. Click the **Toolbar Options button** and select **Design Mode** from the drop-down menu. You know when you're in design mode when the Quick Action toolbar changes color from a blue to a red.

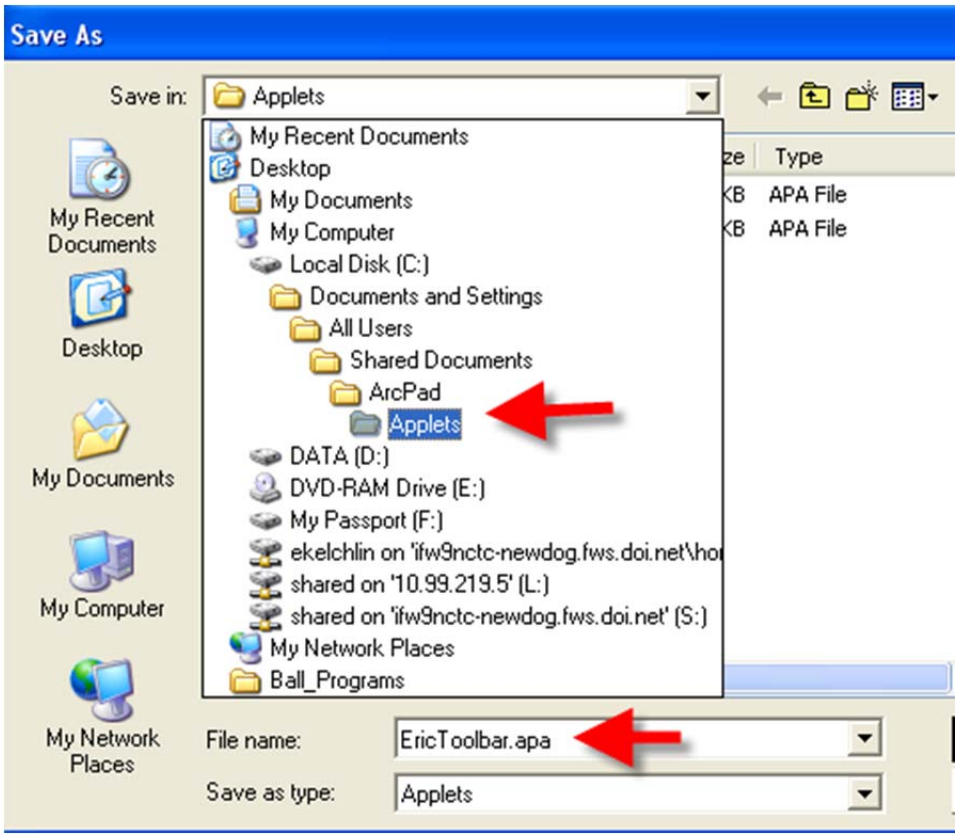
3. Select the **Toolbar Options button** again and select **Design Mode > Customize Toolbars.**



4. Select **New** from the **Toolbar Group** drop-down menu.



5. Name your applet and save it in the location shown below.



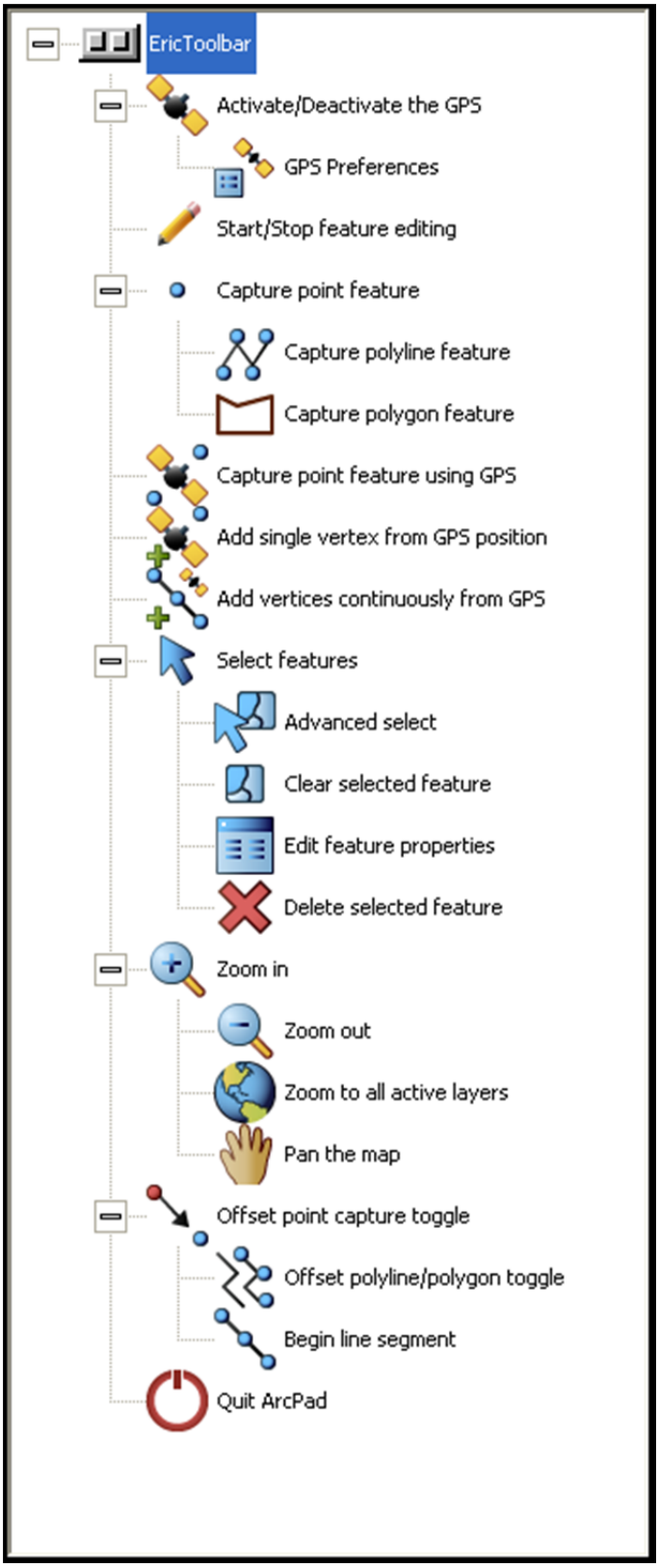
6. Create a new toolbar with the tools shown on the right.

   - To create the tool bar simply drag & drop from the left side to the right side of the dialog.

     OR

   - Select the tool on the left, select the location where you want it to go on the right, and click the Arrow button >> in the middle on the screen.

   - To make tool groups with drop-down list of tools, simply drag and drop the tool onto another tool.



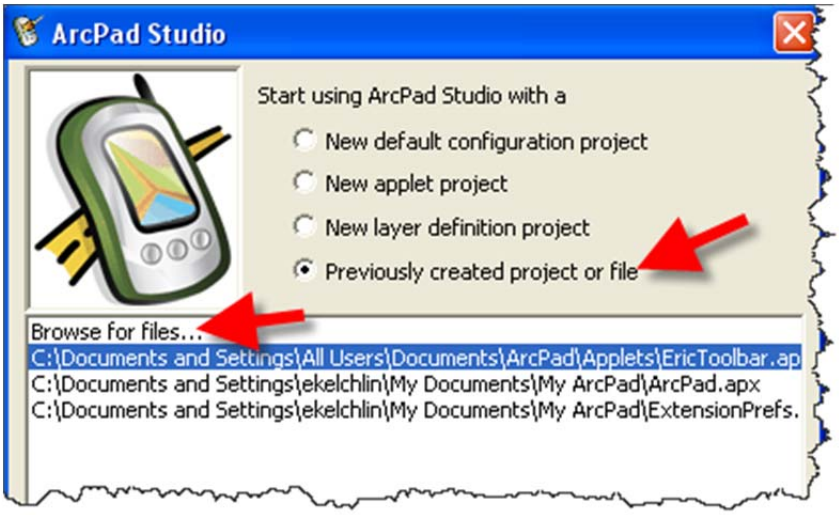
7. Click **OK** when done and **Yes** to restart ArcPad. Open a new map.

8. Click on your new toolbar to see what you created. Notice that it defaulted to a plain looking toolbar with no caption. The next section will show you how to modify the way the button looks and how to add a caption.

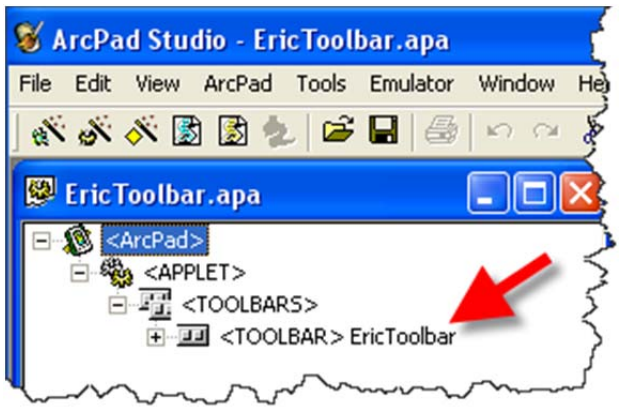
SECTION 2 – Modifying a Toolbar in ArcPad Studio

1. Close ArcPad and open ArcPad Studio.

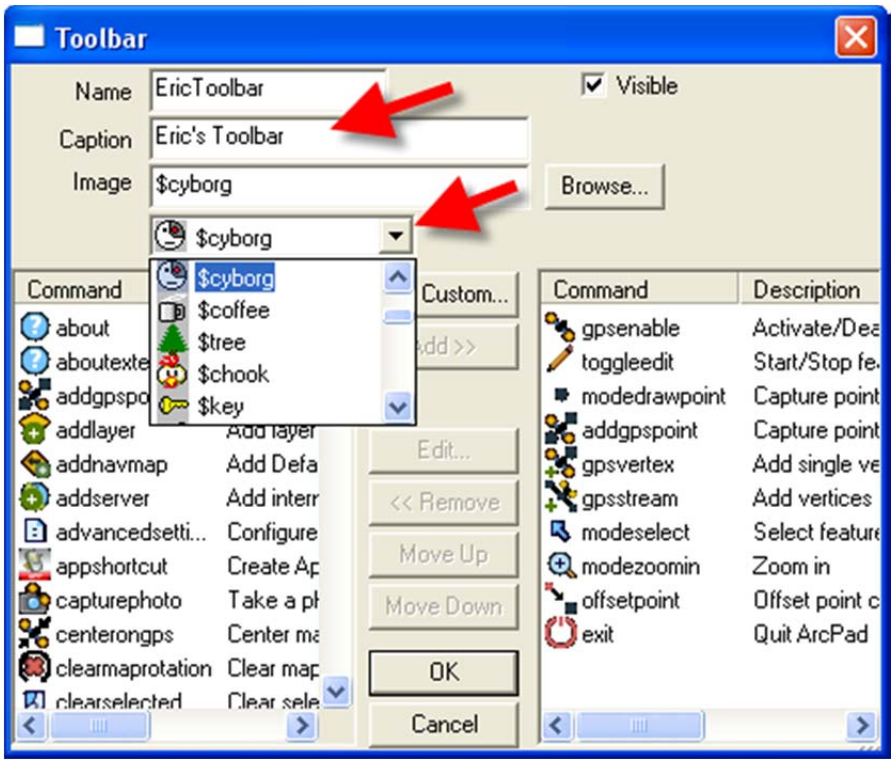
2. Select **Previously created project or file** and browse to the location of your MyToolbar applet.



3. Double-click on the MyToolbar item in the list.



4. Give your toolbar a Caption and select a symbol from the Custom drop-down arrow. Click **OK**.



5. Save your applet and close ArcPad Studio.

6. Open ArcPad and check-out your cool toolbar!

SECTION 3 – Saving the Tool Applet on the Trimble Unit

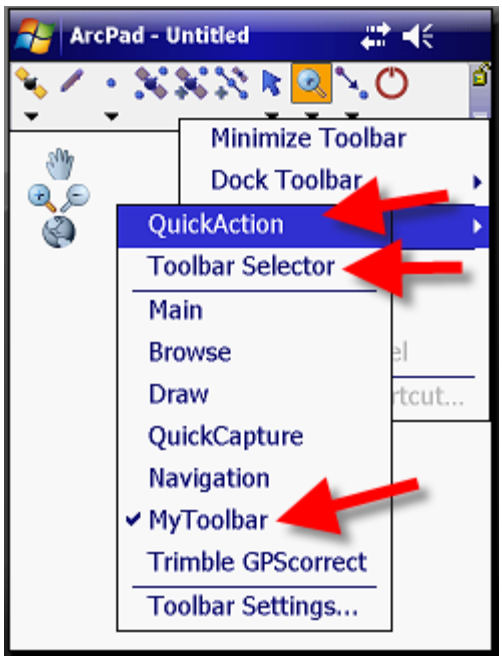
1. Close ArcPad.

2. Make sure your Trimble unit is connected. Use ActiveSync to find and copy the **MyToolbar.apa** file on from the Applets folder on your **PC**. NOTE: the path may be different than the one shown below.

3. Past the **MyToolbar.apa** file in the Applets folder on your **Mobile Device.**

4. Open ArcPad on your Trimble unit and test your new toolbar.

5. To hide all other toolbars, except your new "fancy" one, tap the **Toolbar Options button** (i.e., the drop-down arrow just below the lock icon on the right hand side). Check the **MyToolbar** and uncheck the **QuickAction** and **Toolbar Selector** toolbars.



6. To remove the toolbar on your GPS unit, simply delete the applet file from the Applets folder.