

ArcPad Application Builder

1 Day Training Course

Application Builder

RIA Mobile GIS

ArcPad Application Builder

This one day course provides a functional overview of how ArcPad Studio can be used to customise ArcPad and extend its' capabilities. In this course, you will learn how to develop customised data entry forms and how to use scripts to extend the capabilities of your ArcPad application. You will also learn how to develop customised toolbars and how to provide a login function for ArcPad users.

The course is suited to students who have preferably both ArcPad experience and limited programming experience. However, the detailed course notes include examples and full working source code solutions to allow for a range of students and ensure that all attendees benefit greatly from the course. This course will be run on Application Builder version 8.

You will learn about

- The underlying architecture of ArcPad
- The differences between Layers, Applets, Configuration files and Extensions.
- Creating custom forms for data capture
- Enhancing the functionality of ArcPad forms through scripting
- Adding and removing buttons on the user interface
- Modifying existing toolbars
- Creating scripts, applets, and configuration files.

Learning Methods

- Instructor lead presentations of the topics and concepts using ArcPad in a series of live demonstrations.
- Practice sessions; each student receives a work book that guides them through ArcPad Application Builder activities.
- Questions and discussions.

This ArcPad Application Builder course is a stimulating and rewarding experience. There is a good mix of instructor presentation and practice sessions so that you can make the most out of the day. The atmosphere is informal and friendly providing the ideal learning environment.

Made for ESRI Australia

This is the standard ESRI Australia course. The practice sessions were developed in Australia and adhere to the usual ESRI training standards.

Prerequisites

This course is for trainees with Using ArcPad experience.

Trainees should also be familiar with, and have an understanding of, Windows Scripting (VB Script or Jscript).

Added Value

Course participants will receive one month of free telephone support on the course material. In fact, we will phone you to ask how you are progressing with ArcPad Application Builder (ArcPad Studio).



Course Topics & Outline

The ArcPad Studio Interface

- The ArcPad Studio Environment
- The different Studio Views – XML, GUI & Script View

The ArcPad Object Model

- Properties, Methods and Events
- Windows Scripting Framework

Customising ArcPad

- Defining the Default Configuration, Layers Definitions, Applets & Extensions
- Choosing a Customisation Environment

Configuring the Development Environments

- Configuring ArcPad Studio
- Configuring ArcPad

Building an Applet Form

- Creating a Form
- Registering Events

Creating a Custom Toolbar

- Creating a Toolbar
- Adding Buttons to a Toolbar

Courses are run either as a RIA Mobile GIS or ESRI Australia Scheduled Course, or as a Client Requested Onsite Course. RIA Mobile GIS is an ESRI accredited trainer authorised to provide ArcPad and ArcPad Application Builder training courses. RIA Mobile GIS are the developers of the ArcPad and ArcPad Application Builder courses run throughout Australia and New Zealand.

