

Training the GIS Professional

ArcGIS 4 - ArcGIS for Server: Sharing Content on the Web - 2 days

Overview

This two day course is designed for GIS users who want to share geographic content in web maps and web mapping applications.

ArcGIS supports sharing geographic content across multiple platforms so it is accessible to everyone who needs it, when they need it, however they want to access it. This course teaches how to turn your authoritative GIS data, workflows, and maps into ArcGIS services that can be published to ArcGIS Online, ArcGIS for Server, or Portal for ArcGIS; easily embedded in web maps and websites; accessed by desktop, web, and mobile applications; and deployed to servers on secure internal networks. You will learn how to determine which sharing option is appropriate for your needs.

Please note: This course used to be called ArcGIS 4 - Deploying your Geographic Data using ArcGIS Online and ArcGIS for Server

Topics Covered

The course will provide you with the knowledge to:

- Sharing GIS Resources: An overview of the Publishing workflow; Sharing options; ArcGIS Online and Creating and sharing a web map on ArcGIS Online.
- Authoring operational content: What is operational content? Understand ArcGIS services; Authoring and sharing content using ArcGIS for Desktop.
- Enable editing on the web: Types of editing applications; Publishing a feature service; Creating web editing applications using templates and viewers.
- Authoring basemap content: What makes suitable basemap content? Understand caching and tiling schemes.
- Sharing imagery: Compare map and image services; Author a mosaic dataset and share as an image service to ArcGIS Server; Register an image service to ArcGIS Online and Share a cached image service.
- Sharing analysis workflows: Model an analysis workflow using a geoprocessing service; Use ModelBuilder to create a geoprocessing model; Share model results as a geoprocessing service and Use a geoprocessing service in a web application.
- Final Project: Create a web application to share GIS content.

Who should attend

GIS analysts, specialists and other experienced ArcGIS users who want to share geographic content in web maps and web mapping applications.

Developers who want to incorporate GIS services and web maps into custom applications.

Goals

On completion of the course you will be able to:

- Author and publish map services to share your authoritative GIS data.
- Publish feature services to enable editing of GIS data over the web.
- Create and publish image services to provide fast access to imagery.
- Publish geoprocessing services to share your GIS models and analysis results.
- Share GIS resources as stand-alone services and in web maps and web mapping applications.

Prerequisites

Attendance of ArcGIS 2 - Essentials of ArcGIS 10.x for Desktop or equivalent working knowledge.

Contact Us

For GIS training enquiries and bookings visit esriuk.com/training-pages, email us at training@esriuk.com or call us on 01296 745504