

Introduction to Programming ArcObjects with VBA

Five

Overview

ArcObjects™ components are the building blocks of ArcGIS software. To support or automate organizational work flow tasks, ArcObjects can be used to extend core ArcGIS functionality and create custom applications. This course provides a foundation for application development using VBA and ArcObjects. In course exercises, participants create usable ArcObjects code for typical GIS programming tasks. Participants work with VBA development tools and the ArcGIS Customize dialog box and learn how to access online help resources. After completing the course, participants will have a variety of sample code from which they can build their own applications. This course is designed for developers and for experienced ArcGIS users who may be new to programming with VBA.

Goals

Those completing this course will be able to

- Customize the ArcGIS graphical user interface.
- Understand basic VBA concepts.
- Navigate ArcObjects object model diagrams.
- Access ArcObjects help resources and determine the appropriate objects for code.
- Program with geographic data, display, geometry, and other objects.

Prerequisites and recommendations

Participants should have completed *Introduction to ArcGIS I* or *Learning ArcGIS 9* or have equivalent knowledge. A basic proficiency in Visual Basic or VBA programming is also required.