Geocortex® by VertiGIS™

Developing Client-Side Workflows with Geocortex Workflow

Product:	Geocortex Workflow
Skill level:	Starter
Duration:	2 days (instructor-led)
	3-5 days (self-paced)
Cost:	$960

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Overview

Building on Getting Started with Geocortex Essentials, this two-day course teaches you how to configure pre-built, client-side activities with JavaScript expressions, values, and decision logic: build interactive, feature-rich forms for Geocortex Viewer for HTML5 and Web AppBuilder for ArcGIS® applications.

Audience

Those who are already familiar with Geocortex Essentials and want to learn how to start developing client-side (JavaScript) workflows using Geocortex Workflow 5.

Topics Covered

Explain how workflows support the development of custom applications by performing these tasks:

- Explain the benefits of using Geocortex Workflow technology
- Explore a damage assessment workflow
- Describe how to launch the Geocortex Workflow 5 application
- Identify the main components of Geocortex Workflow Designer
- Describe the Geocortex Workflow 5 architecture
- Describe the Geocortex Workflow 5 development VM configuration
- Configure the Geocortex Workflow 5 development VM

Create a workflow by performing these tasks:

- Identify the steps to create a workflow
- Describe workflow design considerations
- Describe how to build a workflow
- Create a simple workflow
- Describe how to provision a viewer with a workflow built in Geocortex Workflow 5
- Run a workflow in supported viewers

- Describe the testing features in Geocortex Workflow 5
- Use a log activity to examine activity outputs

Display a FeatureSet in a viewer by performing these tasks:

- Describe the FeatureSet object
- Describe how to configure a Query Layer activity
- Query an ArcGIS Online feature layer
- Describe how to configure the Show Results activity
- Use the Show Results activity to display a FeatureSet in the viewer

Reference Display Form activity form elements by performing these tasks:

- Describe the features of the Display Form activity
- Describe how to reference form element values
- Reference form element values
- Describe how to construct JavaScript string expressions
- Construct JavaScript expressions

Configure a basic Display Form activity by performing these tasks:

- Describe the components of a basic Geocortex Workflow 5 display form
- Describe the Auto Complete form element
- Configure the Auto Complete form element
- Describe the List Box form element
- Configure a List Box using an ArcGIS query
- Describe how to use List Box-selected values in an ArcGIS query
- Use List Box-selected values in an ArcGIS query

Develop interactive forms using event-driven form elements by performing these tasks:

- Describe form element events
- Explore form events in a purpose-built workflow
- Describe how to configure a button click event
- Configure a button click event to add symbolized graphics to a map
- Describe how to configure change events

- Add a change event to a list box to add symbolized graphics to a map

- Describe how to configure validation events

- Add validation events to form elements

- Open: Getting data from Geocortex Essentials

- Getting data from Geocortex Essentials

Use Geocortex Workflow 5 activities to get data from server-side workflows by performing these tasks:

- Explain the purpose of the Get Layer activity

- Configure the Get Layer activity

- Describe how to run a Geocortex Essentials workflow from Geocortex Workflow 5

- Run a Geocortex Essentials report from Geocortex Workflow 5

Format

This course is available as an in-person or remote instructor-led course, or as a self-paced course, with hands-on practice and course materials you can keep.

Prerequisites and Recommendations

- Successful completion of Getting Started with Geocortex Essentials is preferred

- A fundamental knowledge of JavaScript programming concepts is useful

- For an introduction to JavaScript programming concepts, we recommend the JavaScript Fundamentals for Absolute Beginners guide

- Test your system to ensure that Adobe Connect and the virtual machine that you will be using during training can run successfully

- We recommend using two monitors for an ideal learning experience.