

Building Interactive Applications in MATLAB

OEM: MathWorks • Duration: 1 Day (8 hrs) • Code: MW-BUILDING-INTERACTIVE-APPLICATIONS-IN-

COURSE MODULES & TOPICS

Day 1 of 1

Using the App Designer Environment

- Working in the App Designer interface
- Using gridded layouts to control app resizing
- Adding callbacks to components
- Programming callback functionality
- Sharing apps with others

Creating and Updating Plots

- Using plotting functions within apps
- Accessing graphical objects within apps
- Programming components to update the app continuously
- Sharing callbacks between multiple components
- Adding helper and startup functionality

Controlling Component Response

- Adding and using local application data
- Working with button groups
- Modifying component properties

Managing Multiple Windows and Apps

- Using standard dialog windows
- Catching errors
- Creating helper apps
- Passing application data between apps