Undocumented Matlab

unbelievable features; unbelievable quality; unbelievable cost effectiveness; unbelievable service

EXPERT MATLAB GUI

WEBINAR OUTLINE

1. **Using Java with Matlab GUI**

   a. Matlab and Java Swing

   b. Integrating Java controls in Matlab GUI

   c. Compatibility aspects and trade-offs

   d. Handling Java events using Matlab callbacks

   e. Containers & position – Matlab vs. Java

   f. GUI Look-and-Feel

   g. Integrating built-in Matlab controls/widgets

   h. Using JIDE's advanced features and professional components

   i. Integrating 3rd-party Java GUI controls: charts/graphs/widgets/reports

2. **Advanced Matlab-Java GUI**

   a. Updating existing Matlab uicontrols

   b. Figure-level customization (maximize/minimize, group, disable etc.)

   c. Figure menu customization

   d. Figure toolbar customization

   e. Handling Java events as Matlab callbacks

   f. Safe programming with Java in Matlab

   g. Java's EDT and Matlab GUI

   h. Deployment (compiler) aspects

Summary

You will learn how to:

- use Java to extensively customize your GUI appearance & functionality
- integrate Java controls in Matlab GUI
- process Java events and interactivity using Matlab callback code
- customize your Matlab GUI to a degree that you never knew was possible
- create a modern-looking professional GUI in Matlab

Target audience

Matlab users having some experience with Matlab GUI, who wish to improve the quality, appearance and usability of their Matlab GUI programs and/or to distribute professional-looking Matlab programs.

Familiarity with Matlab GUI and coding (programming) is assumed.

For this webinar, experience with GUIDE is NOT necessary.

Java knowledge is advantageous but absolutely NOT necessary.