

Building an Application Framework

Part II

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pluralsight 
hardcore dev and IT training

Overview

- Office Libraries
- The App Object
- Data Validation
- Navigation
- Storing System Data



Office Libraries

Office Libraries

- **MMSOffice**
 - Version and application name constants

MMSOfficeDocuments

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- **MMSOfficeProperties**
 - Methods for working with document properties
- **MMSOfficeRibbon**
 - Methods for working with the ribbon

Excel Libraries

- **GetWorkbook**
- **GetWorksheet**
- **GetRange**
- **Application module**



The App Object

The App Object

- **Declared globally in a standard (Globals) module**
 - Public goApp as CApp
- **Instantiated by**
 - Declaration "Public goApp As New CApp"
 - Workbook_Open event
 - Auto_Open macro
 - OnLoad ribbon event
- **Standard members**
 - Name as String
 - Options as CXXXOptions
 - Processing as Boolean
 - Ribbon as IRibbonUI
 - Version as CVersion



Data Validation

Worksheet_Change

C_WorkbookEvents

Inside the App Object



Navigation

OnKey Method

- **Application.OnKey Key, Procedure**
 - Assigns new hotkey
- **Application.OnKey Key**
 - Restore hotkey assignment to normal
- **Application.OnKey Key, ""**
 - Disables hotkey



Storing System Data

MMSExcelSystem

SystemEntryAdd

GetSystemEntryNames

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