

Omnis Studio corso accademico

corso di programmazione teorico/pratico

Contenuto dettagliato

1 Omnis Studio Enviroment

- Studio Browser
- Color Themes and Appearance
- App Builder
- Omnis Preferences
- Omnis Configuration
- Studio Toolbars and Menus
- Context Menus
- Find and Replace
- Component Store
- Property Manager
- Interface Manager
- Notation Inspector
- Catalog
- SQL Browser
- SQL Query Builder
- Version Control System
- Auto Updates
- External Class Editor
- Omnis Help

2 Librerie e classi

- Omnis Libraries
- Default Classes
- Class Types
- Class Templates and Wizards
- Data Classes and Wizards
- Omnis Data Types
- Schema classes
- Query Classes
- Table Classes
- Exporting Libraries to JSON

3 Debugging Methods

- Inserting and Editing Methods
- Code Editor
- Code Assistant

- Debugging Methods
- Inspecting Variable Values
- Watching Variable Values
- Breakpoints
- The Method Stack
- Debugger Options
- Debugger Commands
- Checking Methods
- Method Performance
- Sequence Logging
- Remote Debugger

4 Object Oriented Programming

- Inheritance
- Subclass
 - Window: inherits variables, methods, and properties from its superclass, as well as all fields on the window superclass
 - Menu: inherits variables, methods, and properties from its superclass, as well as the menu lines in the menu superclass
 - Toolbar: inherits variables, methods, and properties from its superclass, as well as the toolbar controls in the toolbar superclass
 - Report: inherits variables, methods, and properties from its superclass: note that a report class does not inherit the fields, sections, and graphics from its superclass
 - Task: inherits variables and methods from its superclass, but none of its properties
 - Table: inherits variables and methods from its superclass, and only some of its properties
 - Object: inherits variables and methods from its superclass, but none of its properties
- superclass
- inheritedorder
- issupercomponent
- componenticon
- Inherit or Override method Shortcut
- Overloading Properties, Methods, and Variables
- Inheritance Tree
- Inheritance Notation
- Calling Properties and methods
- Referencing Variables
- Inherited Fields and Objects
- Do inherited Command
- Inherited Object Notation
- Custom Properties and Methods
- Object Classes
- Dynamic Object Instances
- Self-contained Object Instances
- Object References

- External Objects

5 List Programming

- Declaring List or Row Variables
- Defining List or Row Variables
- Building List Variables
- List and Row functions
- Accessing List Columns and Rows
- List Variable Notation
- Manipulating Lists
- Smart Lists

6 SQL Programming

- Overview
- Setting up a Database Connection
- Connecting to your Database
- Interacting with your Server
- Listing Database Objects
- Remote Procedures
- Transactions
- Cursor Results Sets
- Non-Unicode Compatibility
- Stripping Spaces
- Treatment of Date Values
- Large Objects
- Session Pools
- Diagnosing Problems
- Session and Statement Properties and Methods
- SQL Multi-tasking and SQL Workers
- SQL Worker Lists

7 SQL Classes and Notation

- Schema Classes
- Query Classes
- Table Classes
- Table Instances
- SQL Classes and Sessions

8 Server-Specific Programming

- Server and Clientware Compatibility
- 64-bit DAMs
- Oracle
- Sybase
- DB2

- MySQL
- PostgreSQL
- SQLite
- ODBC
- JDBC
- OmnisSQL DAM
- Amazon SimpleDB DAM

9 Report Programming

- Report Fields and Sections
- Report Wizard
- Report Tools
- Report Sections
- Section Positioning
- Sorting and Subtotaling
- Printing Reports
- Report and Field Methods
- Print Devices and the Current Device
- Global Printing Preferences
- Report Instances
- Report Field and Section Methods
- Report Object Positioning
- Report Fonts
- Report Text Labels
- Port Profiles
- Labels
- HTML Report Device

10 Window Components

- Object properties
- Object names
- Object datanames
- Vertically Centered Text
- Font Scaling for Fields
- Event & Control Methods
- Alpha Colors & Transparency
- Container Fields
- Object Animation
- Tooltips
- HTML Components for Desktop Applications
- Window Class Components
- Accordion Control
- Breadcrumb Control
- Button Area

- Calendar Control
- Check Box
- Check List
- Clock Control
- Color DropList Control
- Color Palette
- Combo Box
- Complex Grid
- Data Grid
- Dropdown List/Droplist
- Entry Field
- FadePict Control
- FileDropList and FileList Controls
- FilterList Control
- FishEye Control
- Formroll Control
- Gif Control
- Graph2 Control
- Group Box and Scroll box
- Headed Lists
- HelpMethods
- Hotpict Control
- Html Control
- Hyperlink Control
- Icon Array
- Icon DropList Control
- JPEG Control
- Line DropList Control
- List Box
- Marquee Control
- Masked Entry Field
- Modify Report Field
- Multibutton Control
- Multi-Line Entry/Edit Field
- Navigation Menu Object
- OBrowser
- OmnisIcn Control
- Paged Pane
- Pattern DropList Control
- PicList Control
- Picture field
- Popup List
- Popup Menu
- Progress Control

- Pushbuttons and Button Areas
- Radio Groups and Buttons
- Round Button
- Rtf Viewer
- Screen Report Field
- Scroll Box
- Shape Field
- Sidebar Control
- Slider Control
- String and Data Grids
- Subwindows
- Switch Control
- Tab Pane
- Tab Strip
- TabBar Control
- Timer(S/MS) Control
- Token Entry Field
- TransButton Control
- Transform Component
- Tray Icon
- Tree List
- WAV Control
- Zoom Control
- Background Fields and Components
- Label and Text Objects
- String Labels
- Background Images
- Tile Control
- Wash Control

12 Window Programming

- Window Design Task
- Field Styles
- Format Strings and Input Masks
- Drag and Drop
- Toast Messages
- Windows Messages
- HWND Notation
- Enter Data Mode
- Floating Edges for Windows and Fields
- Window Fonts
- Background Themes
- Theme Fonts
- Drawer and Sheet Windows

- Disabling the Focus on Fields
- Lookup Windows
- Timer Methods and Splash Screens
- Window Status Bars
- True Color Shared Pictures
- Palette Windows

13 Unicode

- What is Unicode?
- Omnis Data File Conversion
- DAMs
- Character Normalization
- Character Translation
- Unicode Clients
- Unicode Data Handling
- Import/Export and Report File Encoding

14 Localization

- Right to Left Data Entry
- Localizing Your Libraries
- Localizing Omnis
- Localizing the Omnis Runtime

15 Version Control

- Converting pre-Studio 10 VCS repositories
- Pre-Studio 5 VCS Repositories
- Overview
- Setting up a Project
- Checking in Components
- Using the VCS
- Managing Components
- VCS Options
- Reports

16 Deployment

- Deployment Tool
- Code Signing Omnis (macOS)
- Windows Resource Editor (RCEdit)