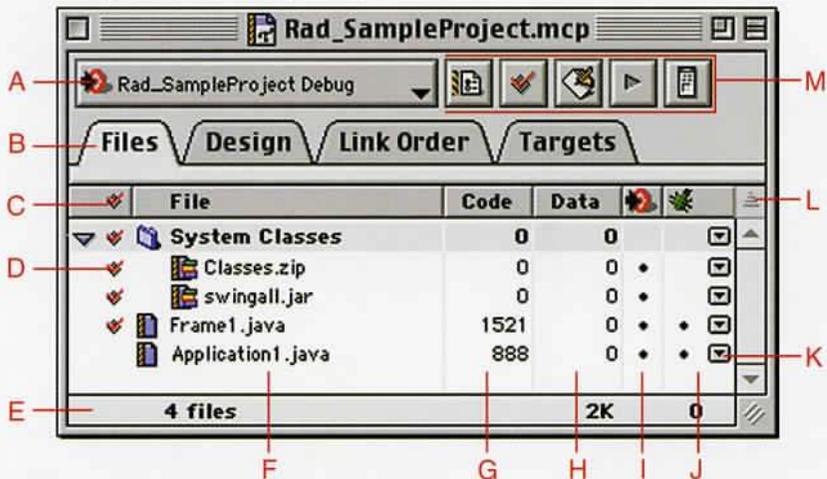


CodeWarrior®

for Mac® OS

Quick Reference

Project Window (Files)



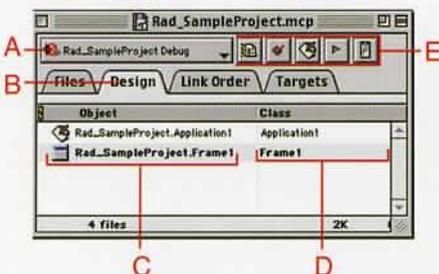
- A. Current target pop-up menu E. Project status information H. Shows object file's data size K. File Interface pop-up
B. Show Files view F. Lists project groups and files I. File is in current build target L. Sort order pop-up menu
C. Sort by column G. Shows object file's code size J. File generates debugger info M. Project window toolbar
D. File must be recompiled

Tips & Tricks

- Typing text in any view of the project window selects the file with the alphabetically closest matching name. Thereafter, pressing the Tab key takes you to the next item that matches the text you typed.
- Double-click a file to open it.
- Click and drag a file or group to reposition it.
- You can drag files or projects from Finder onto the project window to add them to a project.
- Contextual menu: control-click a group or file to:
 - check syntax, preprocess, precompile, compile or disassemble
 - clear it from the project

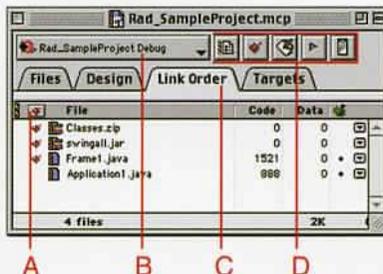
Project Window (Design)

Note: Rapid Application Development only.



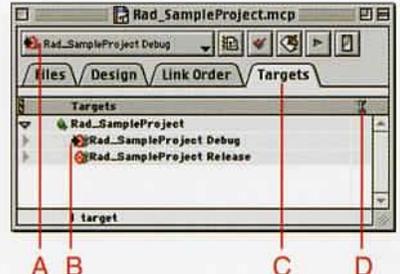
- A. Current target pop-up menu
B. Show Design view
C. Objects included in design
D. Assigned object names
E. Project window toolbar

Project Window (Link Order)



- A. Current target pop-up menu
B. Show Link Order view
C. Synchronize modification dates
D. Project window toolbar

Project Window (Targets)



- A. Current target pop-up menu
B. Set current build target
C. Show Targets view
D. Link file to build target

Tips & Tricks

- The link order proceeds from the top of the pane to the bottom of the pane.
- Click and drag files to set the build target's link order.

File Menu

Icon	Command	Key Bindings
	New Text File	⌘N
	New	shift-⌘N
	Open	⌘O
	Find and Open selection	⌘D
	Find and Open file	option-⌘D
	Close	⌘W
	Close All	option-⌘W
	Save	⌘S
	Save All	option-⌘S
	Print	⌘P
	Quit	⌘Q

Edit Menu

Icon	Command	Key Bindings
	Undo	⌘Z or F1
	Redo	shift-⌘Z or shift-F1
	Cut	⌘X or F2
	Copy	⌘C or F3
	Paste	⌘V or F4
	Clear	clear or ⌘delete
	Select All	⌘A
	Balance	⌘B
	Shift Left	⌘[
	Shift Right	⌘]

Project Menu

Icon	Command	Key Bindings
	Check Syntax	⌘;
	Compile	⌘K
	Bring Up To Date	⌘U
	Make	⌘M
	Stop Build	⌘.
	Remove Object Code	⌘-
	Remove Object Code & Compact	option-⌘-
	Run/Debug	⌘R
	Debug/Run	option-⌘R

Search Menu

Icon	Command	Key Bindings
	Find and Replace	⌘F
	Find in Files	option-⌘F
	Find Next	⌘G
	Find Previous	shift-⌘G
	Find in Next File	⌘T
	Find in Previous File	shift-⌘T
	Enter Find String	⌘E
	Enter Replace String	shift-⌘E
	Find Selection	⌘H
	Find Previous Selection	shift-⌘H
	Replace Selection	⌘-
	Replace and Find Next	⌘L
	Replace and Find Previous	shift-⌘L
	Find Definition	⌘'
	Find Definition and Reference	option-⌘'
	Find Reference	shift-⌘'
	Go Back	shift-⌘B
	Go Forward	shift-⌘F
	Go to Line	⌘.

Debug Menu

Icon	Command	Key Bindings
	Kill	control-K
	Step Over	control-S
	Step Into	control-T
	Step Out	control-U
	Enable/Disable Breakpoint	control-F9

Miscellaneous

Icon	Command	Key Bindings
	Go to header/source file	⌘Tab
	Go to previous error message	option-⌘up arrow
	Go to next error message	option-⌘down arrow

Data Menu (visible when Debugger is running)

<u>Command</u>	<u>Key Bindings</u>
New Expression	control-N
View As	control-Y
View Array	control-A
View Memory	control-M
View As Signed Decimal	control-shift-D
View As Unsigned Decimal	control-shift-U
View As Hexadecimal	control-shift-H
View As Character	control-shift-C
View As C String	control-shift-S
View As Pascal String	control-shift-P
View As Unicode String	control-shift-O
View As Floating Point	control-shift-F
View As Enumeration	control-shift-E
View As Fixed	control-shift-I
View As Fract	control-shift-R

Editor Commands

<u>Command</u>	<u>Key Bindings</u>
Move character left	left arrow
Move character right	right arrow
Move word left	option-left arrow
Move word right	option-right arrow
Move sub-word left	control-left arrow
Move sub-word right	control-right arrow
Move to start of line	⌘-left arrow
Move to end of line	⌘-right arrow
Move line up	up arrow
Move line down	down arrow
Move to top of page	option-up arrow
Move to bottom of page	option-down arrow
Move to top of file	⌘up arrow
Move to bottom of file	⌘down arrow
Delete character left	delete
Delete character right	delete
Character select left	shift-left arrow
Character select right	shift-right arrow

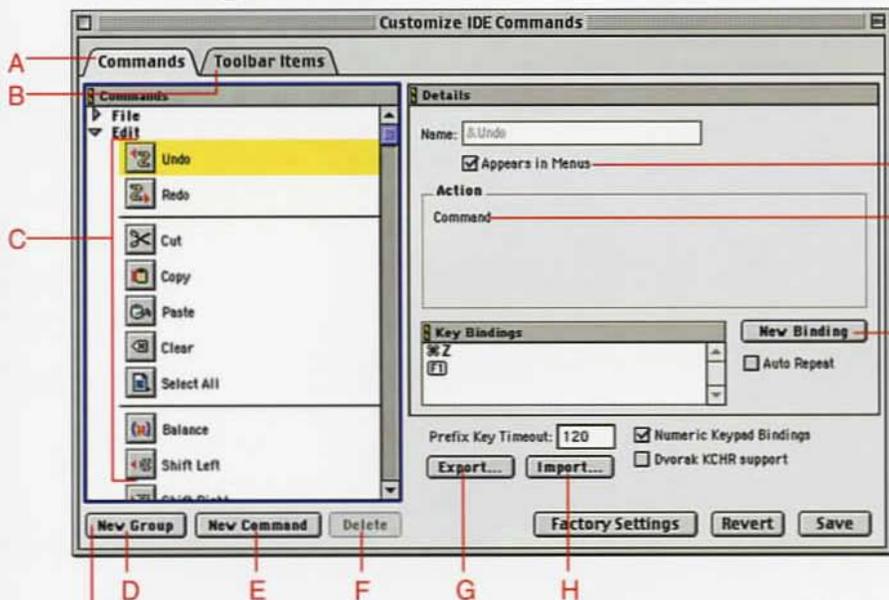
Command Key Bindings

Select word left	option-shift-left arrow
Select word right	option-shift-right arrow
Select sub-word left	control- shift-left arrow
Select sub-word right	control-shift-right arrow
Select line up	shift-up arrow
Select line down	shift-down arrow
Select to start of line	shift-⌘left arrow
Select to end of line	shift-⌘right arrow
Select to start of page	option-shift-up arrow
Select to end of page	option-shift-down arrow
Select to start of file	shift-⌘up arrow
Select to end of file	shift-⌘down arrow
Scroll line up	control-up arrow
Scroll line down	control-down arrow
Scroll page up	Page up
Scroll page down	Page down
Scroll to top of file	Home
Scroll to end of file	End
Scroll to selection	Enter
Find symbols with prefix	control-\
Find symbols with substring	control-shift-\
Get next symbol	control-.
Get previous symbol	control-,

Window Menu

<u>Command</u>	<u>Key Bindings</u>
Zoom Window	⌘/
Errors and Warnings Window	⌘I
Select Default Project	⌘0
Select Document 1	⌘1
Select Document 2	⌘2
Select Document 3	⌘3
Select Document 4	⌘4
Select Document 5	⌘5
Select Document 6	⌘6
Select Document 7	⌘7
Select Document 8	⌘8
Select Document 9	⌘9

Customizing IDE Commands



- A. View Commands pane
- B. View Toolbar items pane
- C. Commands list
- D. Add new group to Commands list
- E. Add new command to selected group
- F. Delete selected group/command
- G. Export key bindings.
- H. Import key bindings
- I. Add key binding to command
- J. Actions executed by command
- K. Display/Hide command in menus

To Add a Custom Menu (in Commands view):

1. Name the Group and the Command. Click New Group, and type a group name. Click New Command, and type a command name.
2. Set command actions. Click New Binding to add a key binding to the command, and click Save.

More Tips & Tricks

Search Results Window & Error Messages Window

- The key binding "option-⌘up arrow" scrolls to the next result, and option+⌘down arrow scrolls to the previous result.

Debugger Window

- You can drag the current statement arrow (the little blue arrow) forward or backward to change the next line to be executed.
- Clicking the document icon at the top-left of the Source pane opens the source file in an editor window (which is editable, whereas the debugger source panel is not).
- Clicking the blue dot icon in the top-left of the Variables pane toggles between "Variables: Auto", "Variables: All", and "Variables: None" modes.

Find in Files Dialog

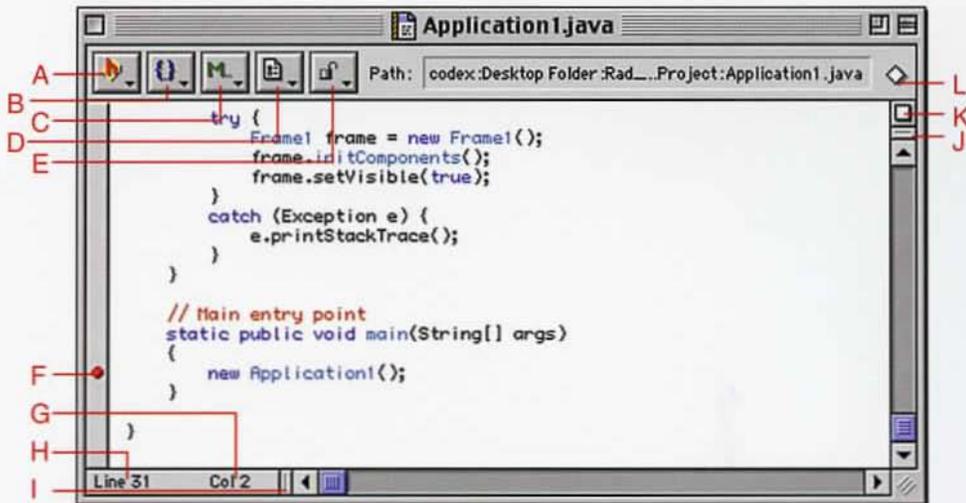
- Pressing ⌘. (command-period) stops a search.
- You can drag files from the project window to the file list to search them (only in the In Files tab).
- You can drag a folder from the file system onto the files list to search the folder recursively (only in the In Files tab). Use this feature with caution as the list can take a long time to build with large directories.

List Controls

- To expand or collapse a node and all sibling nodes, command-click the disclosure triangle.
- To recursively expand or collapse a node and all sub-nodes, option-click the disclosure triangle.
- To recursively expand or collapse a node and all siblings of the node, ⌘-option-click the disclosure triangle.

If you need technical support or have questions, please contact Metrowerks Support at 1 800 377 5416 or +1 512 997 4700; select Option 3. Or go to <http://www.metrowerks.com/support/>.

Editor Window

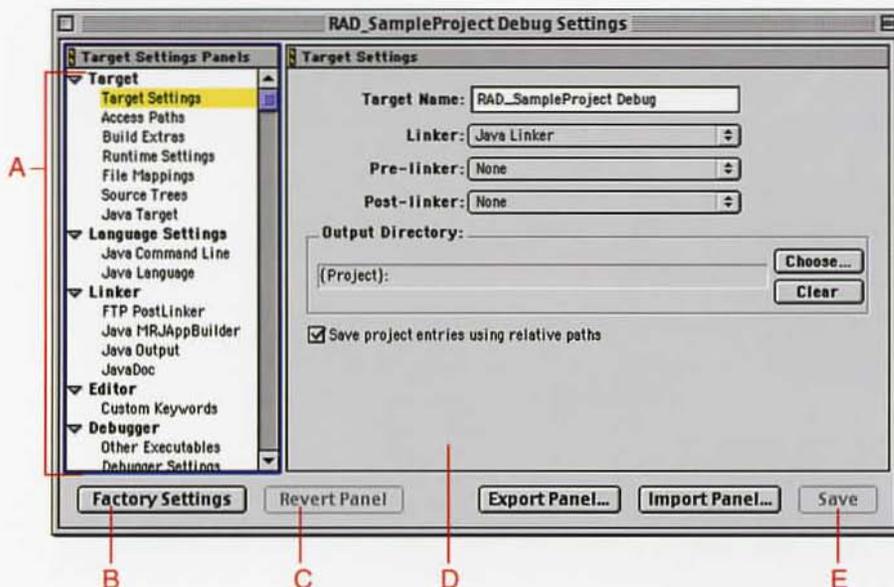


- | | |
|---|---|
| A. Interface list | G. Click to go to column number. |
| B. Routine list | H. Click to go to line number. |
| C. Add/Remove/Choose markers, and Add/Remove/Navigate bookmarks | I. Double-click to split pane vertically |
| D. Document settings pop-up menu | J. Double-click to split pane horizontally |
| E. Permissions pop-up menu | K. Show/Hide window toolbar |
| F. Click in this column to set/clear breakpoints | L. Dirty file indicator (file modified but not saved) |

Tips & Tricks

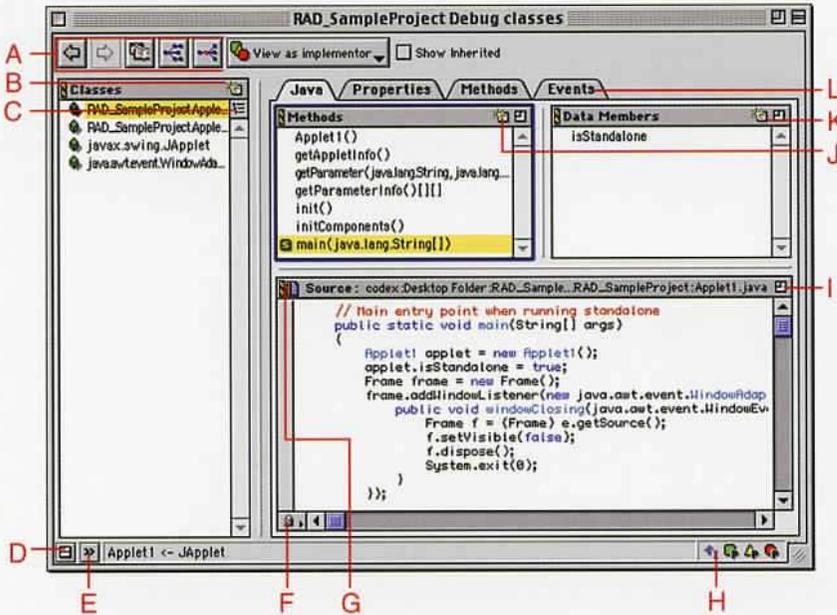
- The key binding ⌘- (command-tilde) opens the header file associated with the currently active source file (or vice-versa).
- Drag the upper-right hand corner "dash" button (just above the vertical scrollbar) down to split the editing window horizontally. The square icon just above that shows and hides the toolbar. When the toolbar is hidden, the toolbar buttons appear at the bottom of the editor window.
- Drag the lower left-hand corner "dash" button (just left of the vertical scrollbar) to the right to split the editing window vertically.
- After you option-double-click or ⌘ double-click a symbol name, the IDE takes you to the definition of the symbol. If there is more than one symbol, the Symbolics Window opens.
- After choosing Project > Enable Debugger, clicking in the left-margin space of the editor window sets or removes breakpoints.
- Option-clicking the close file icon in an editor window closes all editor windows.

Target Settings Window



- | | |
|---|---|
| A. Select items from this hierarchical list to view and edit the settings panel on the right. The collection of panels varies, depending on the current build target. | B. Click to revert to the IDE's default settings. |
| C. Click to undo changes to settings. | D. Edit target settings in this panel. For more information on a particular panel, refer to the <i>IDE User Guide</i> and the <i>Targeting</i> manual for your processor or operating system (for example, <i>Targeting Mac® OS</i>). These manuals are located in the CodeWarrior documentation folder. |
| E. Click to save settings for the current target. | |

Class Browser Window

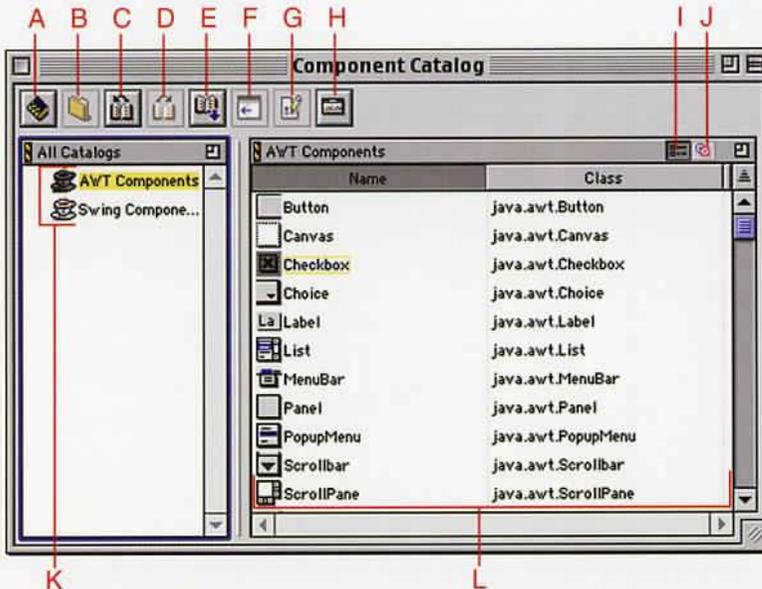


- A. Toolbar options include:
- go back or forward
 - show browser contents window
 - show multi- and single-class hierarchy windows
 - select browser access filters
- B. Create new class
- C. List by alphabetical or hierarchical order
- D. Show/Hide classes pane
- E. View class declaration
- F. Document VCS options
- G. Open source code file
- H. Access filters status
- I. Toggle expansion of pane
- J. Create new member function
- K. Create new data member
- L. View tabs

Tips & Tricks

- Typing text in the list view selects the file with the alphabetically closest matching name.
- Clicking the document icon at the top left of the Source panel opens the source file in an editor window.
- Clicking the ">>" button at the bottom left of the window takes you to the class declaration of the selected member function.

Component Catalog



- A. Creates a new catalog file to store a customized collection of components.
- B. Creates a new folder within your own catalog so you can further organize components.
- C. Opens a catalog file and adds it to the Catalog pane.
- D. Closes a catalog file that was added to the Catalog pane.
- E. Imports components into the active catalog.
- F. Displays or hides the Catalog pane in the Component Catalog window.
- G. Opens the Object Inspector for the selected item so you can edit that item's properties.
- H. Displays the Component Palette and brings it to the front.
- I. Displays a list of the current catalog's components.
- J. Displays graphical representations of the current catalog's components.
- K. Displays the available catalogs, including the customized catalogs you create or import.
- L. Displays information about the components in each catalog.