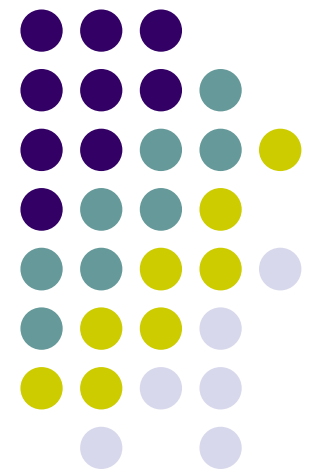


CS 525M Mobile and Ubiquitous Computing

Tutorial 6: Android Studio Tips
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Tutorial 6: Android Studio Tips

- Tutorial 6: Tour of Android Studio Interface [5:08 mins]
 - https://www.youtube.com/watch?v=OUCjk_n3raM
- Quick tips for Android Studio
- Access reference of key-stroke references
- How to:
 - Change Android Studio IDE appearance
 - Show line numbers of code
 - Toggle code folding: How to hide/show lines of code



Help -> Default Key Map Reference

- Shows all short cuts

IntelliJ IDEA Default Keymap

Editing

Ctrl + Space	Basic code completion (the name of any class, method or variable)
Ctrl + Shift + Space	Smart code completion (filters the list of methods and variables by expected type)
Ctrl + Shift + Enter	Complete statement
Ctrl + P	Parameter info (within method call arguments)
Ctrl + Q	Quick documentation lookup
Shift + F1	External Doc
Ctrl + mouse over code	Brief info
Ctrl + F1	Show descriptions of error or warning at caret
Alt + Insert	Generate code... (Getters, Setters, Constructors, hashCode/equals, toString)
Ctrl + O	Override methods
Ctrl + I	Implement methods
Ctrl + Alt + T	Surround with... (if, else, try, catch, for, synchronized, etc.)
Ctrl + /	Comment/Uncomment with line comment
Ctrl + Shift + /	Comment/Uncomment with block comment
Ctrl + W	Select successively increasing code blocks
Ctrl + Shift + W	Decrease current selection to previous state
Alt + Q	Context info
Alt + Enter	Show insertion actions and quick-fixes
Ctrl + Alt + L	Reformat code
Ctrl + Alt + O	Optimize imports
Ctrl + Alt + I	Auto-indent line(s)
Tab / Shift + Tab	Indent/Unindent selected lines
Ctrl + X or Shift + Delete	Cut current line or selected block to clipboard
Ctrl + C or Ctrl + Insert	Copy current line or selected block to clipboard
Ctrl + V or Shift + Insert	Paste from clipboard
Ctrl + Shift + V	Paste from recent buffers...
Ctrl + D	Duplicate current line or selected block
Ctrl + Y	Delete line at caret
Ctrl + Shift + J	Smart line join
Ctrl + Enter	Smart line split
Shift + Enter	Start new line
Ctrl + Shift + U	Toggle case for word at caret or selected block
Ctrl + Shift + / / {	Select till code block end/start
Ctrl + Delete	Delete to word end
Ctrl + Backspace	Delete to word start
Ctrl + NumPad +/-	Expand/collapse code block
Ctrl + Shift + NumPad +/-	Expand all
Ctrl + Shift + NumPad -	Collapse all
Ctrl + F4	Close active editor tab

Search/Replace

Double Shift	Search everywhere
Ctrl + F	Find
F3	Find next
Shift + F3	Find previous
Ctrl + B	Backward

Usage Search

Alt + F7 / Ctrl + F7	Find usages / Find usages in file
Ctrl + Shift + F7	Highlight usages in file
Ctrl + Alt + F7	Show usages

Compile and Run

Ctrl + F9	Make project (compile modified and dependent)
Ctrl + Shift + F9	Compile selected file, package or module
Alt + Shift + F10	Select configuration and run
Alt + Shift + F9	Select configuration and debug
Shift + F10	Run
Shift + F9	Debug
Ctrl + Shift + F10	Run context configuration from editor

Debugging

F8	Step over
F7	Step into
Shift + F7	Smart step into
Shift + F8	Step out
Alt + F9	Run to cursor
Alt + F8	Evaluate expression
F9	Resume program
Ctrl + F8	Toggle breakpoint
Ctrl + Shift + F8	View breakpoints

Navigation

Ctrl + N	Go to class
Ctrl + Shift + N	Go to file
Ctrl + Alt + Shift + N	Go to symbol
Alt + Right/Left	Go to next/previous editor tab
F12	Go back to previous tool window
Esc	Go to editor (from tool window)
Shift + Esc	Hide active or last active window
Ctrl + Shift + F4	Close active run/messages/find/... tab
Ctrl + G	Go to line
Ctrl + E	Recent files popup
Ctrl + Alt + Left/Right	Navigate back/forward
Ctrl + Shift + Backspace	Navigate to last edit location
Alt + F1	Select current file or symbol in any view
Ctrl + B or Ctrl + Click	Go to declaration
Ctrl + Alt + B	Go to implementation(s)
Ctrl + Shift + I	Open quick definition lookup
Ctrl + Shift + B	Go to type declaration
Ctrl + U	Go to super-method/super-class
Alt + Up/Down	Go to previous/next method
Ctrl + / / {	Move to code block end/start
Ctrl + F12	File structure popup
Ctrl + H	Type hierarchy
Ctrl + Shift + H	Method hierarchy
Ctrl + Alt + H	Call hierarchy
F2 / Shift + F2	Next/previous highlighted error

Refactoring

F5	Copy
F6	Move
Alt + Delete	Safe Delete
Shift + F6	Rename
Ctrl + F6	Change Signature
Ctrl + Alt + N	In-line
Ctrl + Alt + M	Extract Method
Ctrl + Alt + V	Extract Variable
Ctrl + Alt + F	Extract Field
Ctrl + Alt + C	Extract Constant
Ctrl + Alt + P	Extract Parameter

VCS/Local History

Ctrl + K	Commit project to VCS
Ctrl + T	Update project from VCS
Alt + Shift + C	View recent changes
Alt + BackQuote (`)	VCS quick popup

Live Templates

Ctrl + Alt + J	Surround with Live Template
Ctrl + J	Insert Live Template
iter	Iteration according to java SDK 1.5 style
inst	Check object type with instanceof and downcast
lco	Iterate elements of java.util.Collection
lit	Iterate elements of java.util.Iterator
lil	Iterate elements of java.util.List
ps/	public static final
thr	throw new

General

Alt + #[0-9]	Open corresponding tool window
Ctrl + S	Save all
Ctrl + Alt + Y	Synchronize
Ctrl + Shift + F12	Toggle maximizing editor
Alt + Shift + F	Add to Favorites
Alt + Shift + I	Inspect current file with current profile
Ctrl + BackQuote (`)	Quick switch current scheme
Ctrl + Alt + S	Open Settings dialog
Ctrl + Alt + Shift + S	Open Project Structure dialog
Ctrl + Shift + A	Find Action
Ctrl + Tab	Switch between tabs and tool window

To find any action inside the IDE use Find Action (Ctrl+Shift+A/O * A)

Enter active or option names: Include pop-menu actions (Ctrl+Shift+Alt)

Find: