



IntelliJ IDEA Dojo

Daniel Hinojosa

Twitter: @dhinojosa

Email: dhinojosa@evolutionnext.com





Tool Windows



Tool Windows Navigation



ALT-0...ALT-9

Open Corresponding Tool Window

CTRL-E

View Recent Files, Includes Tool Windows

CTRL-SHIFT+E

View Recent Files, Includes Tool Windows

ESC

Return to the Editor

CTRL+SHIFT+F12

Maximize the Editor

SHIFT+ESCAPE

Close Current Tool Window



Tool Windows Navigation



COMMAND(⌘) + 0...COMMAND(⌘) + 9

Open Corresponding Tool Window

COMMAND(⌘)-E

View Recent Files, Includes Tool Windows

COMMAND(⌘)-SHIFT+E

View Recent Edited Locations

ESCAPE(⌫)

Return to the Editor

COMMAND(⌘)+SHIFT(⇧)+F12

Maximize the Editor

SHIFT(⇧)+ESCAPE(⌫)

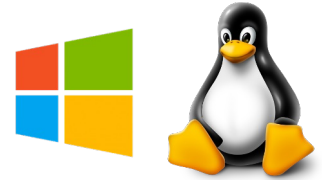
Close Current Tool Window



Find Action



Action Keys



CTRL-SHIFT-A Find Action

CTRL-CTRL Run Anything

SHIFT-SHIFT Search Everywhere



Action Keys



SHIFT(⇧)+COMMAND(⌘) + A Find Action
CONTROL(^) + CONTROL(^) Run Anything
SHIFT(⇧)+ SHIFT(⇧) Search Everywhere



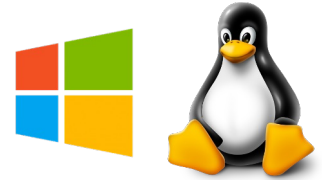
Dojo: Tool Windows



Finding Stuff



Action Keys



CTRL-N Go to class

CTRL-SHIFT-N Go to file

CTRL-ALT-SHIFT-N Go to symbol



Finding Items



COMMAND(⌘) + O Find Class

COMMAND(⌘) + SHIFT(⇧) + O Go to File

COMMAND(⌘) + OPTION(⌥) + O Go to File



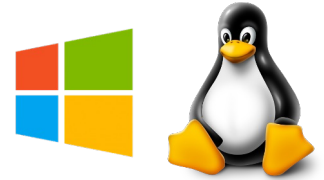
Dojo: Finding Files



Navigating Errors



Navigating Errors



F2

Move to the Next Highlighted Issue

ALT+ENTER

Propose a Fix



Navigating Errors



F2

Move to the Next Highlighted Issue

OPTION(⌘) + RETURN(↵)

Propose a Fix



Dojo: Finding Errors



Generating Files & Code



Generating Files and Code



ALT+INSERT Generate File or Code



Generating Files and Code



COMMAND(⌘) + N or
CONTROL(^) + RETURN(↵)

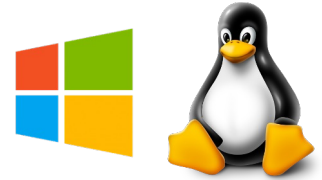
Generate File or Code



Formatting Code



Formatting Code



CTRL + ALT + L

Format All Code (includes imports)

CTRL + ALT + O

Optimize Imports

CTRL + ALT + I

Format Line by Line



Formatting Code



COMMAND(⌘) + OPTION(⌥) + L

Format All Code (includes imports

CONTROL(⌃) + OPTION(⌥) + O

Optimize Imports

CONTROL(⌃) + OPTION(⌥) + I

Format Line by Line



Dojo: Generating Code



The Blob

IRVIN S. TEAWORTH, JR.'s

THE BLOB

INDESCRIBABLE...

INDESTRUCTIBLE...

NOTHING CAN STOP IT!

TONY LYN presents

THE BLOB

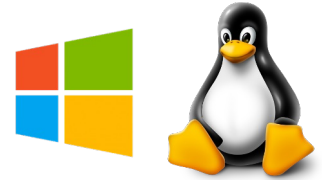
starring

STEVE MCQUEEN,
ANETA CORSAUT, STEPHEN CHASE,
EARL ROWE, OLIN HOWLIN,
JOHN BENSON & GEORGE KARAS





Selecting Code Blocks



CTRL + W Increase Code Block

CTRL + SHIFT + W Decrease Code Block



Selecting Code Blocks



OPTION(\neg) + UP(\uparrow) Increase Code Block

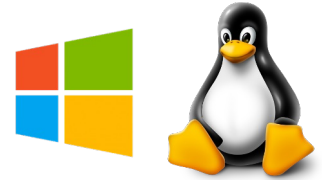
OPTION(\neg) + DOWN(\downarrow) Decrease Code Block



Editing Basics



Editing Basics



CTRL+Y Delete Line at Caret

CTRL+D Duplicate Line at Caret

CTRL+X Cut Line at Caret

CTRL+C Copy Line at Caret

CTRL+V Paste Line at Caret

CTRL+SHIFT+V Paste From History



Editing Basics



COMMAND(⌘)+DELETE(⌫)

Delete Line at Caret

COMMAND(⌘)+D

Duplicate Line at Caret

COMMAND(⌘)+X

Cut Line at Caret

COMMAND(⌘)+C

Copy Line at Caret

COMMAND(⌘)+V

Paste Line at Caret

COMMAND(⌘)+SHIFT(⇧)+V

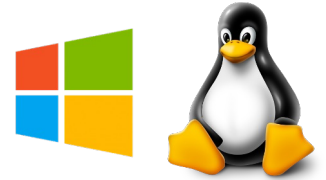
Paste From History



Surround Blocks and Selections



Surround Blocks and Selections



CTRL + ALT + T Surround Block or Selection



Surround Blocks and Selections



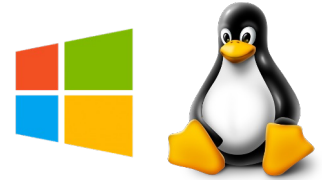
COMMAND(⌘) + OPTION(⌥) + T
Surround Block or Selection



Dojo: Using Blobs



Usages



Ctrl + Alt + B Go to Implementation

Ctrl + B Go to Declaration

Alt + F7/Ctrl + F7 Find Usages/Find in File



Usages



COMMAND(\mathbb{H}) + OPTION(\neg) + B

Go to Implementation

COMMAND(\mathbb{H}) + B

Go to Declaration

OPTION (\neg) + F7 / COMMAND(\mathbb{H}) + F7

Find Usages/Find In Files



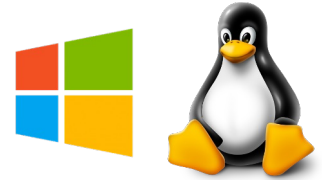
Dojo: Usages



Code Completion



Code Completion



CTRL + SPACE

Basic Code Completion

CTRL + ALT + SPACE

Code Completion that shows inaccessible members

CTRL + SHIFT + SPACE

Type Sensitive Code Completion

CTRL + SHIFT + ENTER

Complete Statement

CTRL + P

Parameter Info

CTRL + SHIFT + P

Type Info



Code Completion



CONTROL(^) + SPACE

Basic Code Completion

CONTROL(^) + OPTION (⌘) + SPACE

Code Completion that shows inaccessible members

CONTROL(^) + SHIFT(⇧) + SPACE

Type Sensitive Code Completion

COMMAND(⌘) + SHIFT(⇧) + RETURN(↵)

Complete Statement

COMMAND(⌘) + P

Parameter Info

CONTROL(^) + SHIFT(⇧) + P

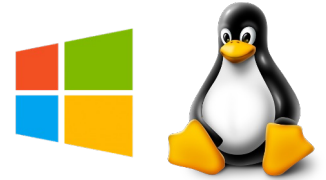
Type Info



Moving Code



Moving Code



CTRL + SHIFT + UP/DOWN

Move either line or method, depending on caret location



Moving Code



SHIFT (⇧) + COMMAND (⌘) + UP (↑)/DOWN (↓)

Move either line or method, depending on
caret location



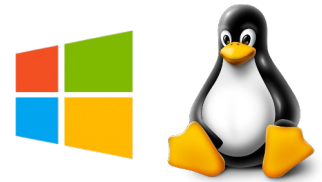
Dojo: Moving Code



Code Documentation
& Help



Code Documentation and Help



CTRL + Q

Quick Documentation Lookup

CTRL + SHIFT + I

Quick Definition Lookup

ALT+Q

Context Info

CONTROL(^) + SHIFT (↑) + P

Type Info (Twice to show more)



Code Documentation and Help



CONTROL(^) + J

Quick Documentation

OPTION(⌘) + SPACE or COMMAND (⌘) + Y

Quick Definition Lookup

CONTROL(^) + SHIFT (⇧) + Q

Context Info

CONTROL(^) + SHIFT (⇧) + P

Type Info (Twice to show more)



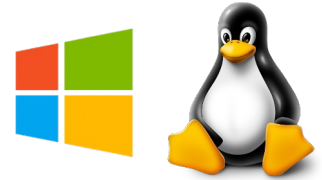
Dojo: Documentation
and Info



Running



Running



All runs are contextual, this includes main methods, tests, test folders, HTTP files, and more.

CTRL + SHIFT + F10

Run and mark your last run

SHIFT + F10

Run the last marked location



Running



All runs are contextual, this includes main methods, tests, test folders, HTTP files, and more.

CONTROL(^) + R

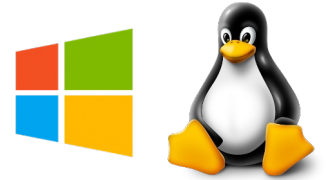
Run and mark your last run

CONTROL(^) + SHIFT (⇧) + R

Run the last marked location



Testing



CTRL + SHIFT + T

Toggle Between Test and Production



Testing

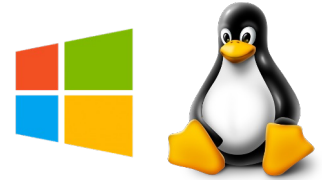


COMMAND(⌘) + SHIFT (⇧) + T

Toggle Between Test and Production



Dojo: Running and
Testing



Alt + Shift + F10/F9

Select Configuration + Debug

Ctrl + Shift + F10/F9

Run Context Configuration Debug



CONTROL(^) + D

Run Previous Test Selection

CONTROL(^) + SHIFT (↑) + D

Run Context Configuration Debug



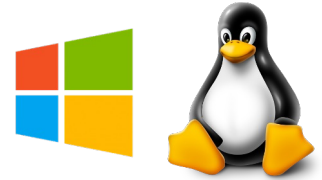
Dojo: Debugging



Refactoring



Refactoring (Part 1)



CTRL + ALT+ SHIFT + T

Refactor This...

F5

Copy item

F6

Move item

SHIFT+F6

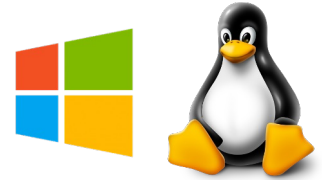
Rename globally

ALT+DELETE

Safe Delete



Refactoring (Part 2)



Ctrl + Alt + N Inline

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



Refactoring (Part 1)



CONTROL(^) + T

Refactor This

F5

Copy item

F6

Move item

SHIFT(⇧)+F6

Rename globally

COMMAND(⌘)+DELETE

Safe Delete



Refactoring (Part 2)



COMMAND(\mathbb{H}) + OPTION(\neg) + N

Inline

COMMAND(\mathbb{H}) + OPTION(\neg) + M

Extract Method

COMMAND(\mathbb{H}) + OPTION(\neg) + V

Extract Variable



Refactoring (Part 3)



COMMAND(\mathbb{H}) + OPTION(\neg) + F

Extract Field

COMMAND(\mathbb{H}) + OPTION(\neg) + C

Extract Constant

COMMAND(\mathbb{H}) + OPTION(\neg) + P

Extract Parameter



Dojo: Refactoring



HTML/XML Editing



HTML/XML Editing

<http://docs.emmet.io/abbreviations/syntax/>

<https://docs.emmet.io/cheat-sheet/>



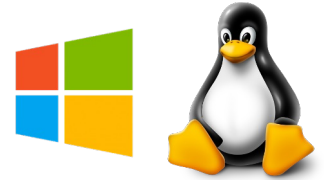
Dojo: Hey Emmet



Version Control



Version Control



ALT + 0

Version Control Window

CTRL + K

Commit

CTRL+T

Update Project

CTRL + SHIFT + K

Push

ALT + ` (Backquote)

Version Control Quick Help



Version Control



COMMAND(⌘) + O

Version Control Window

COMMAND(⌘) + K

Commit

COMMAND(⌘) + T

Update Project

COMMAND(⌘) + SHIFT(⇧) + K

Push

CONTROL(^) + V

Version Control Quick Help



Version Control Conflicts



Version Control Conflicts

Merge Revisions for C:\IdeaProjects\help-sources\intellij-platform\topics\Install_and_set_up_product.xml

3 changes, 1 conflict

Local Changes (Read-only) LF Result CRLF Changes from Server (revision cf342407e563428a6a781d1abbbe3f7a5... LF

46 46 (32 or 64 bit)

47 47 </td>

48 48 <td>

49 49 MacOS 10.5 or higher

50 50

51 51 (only 64-bit systems are

52 52 </td>

53 53 <td>

54 54 <list type="bullet">

55 55

56 56 OS Linux (only 6

57 57

58 58

59 59 KDE, Gnome or Un

60 60

61 61 </list>

62 62 </td>

63 63 </tr>

64 64 </table>

65 65 </chapter>

66 66 <chapter title="Download and install %product%

67 67 <p>

68 68 %product% is available in two editio

69 69 The Community edition is an open-sou

70 70 edition is commercial, and provides

71 71 see the <a href="https://www.jetbrai

72 72 </p>

73 73 <p>

74 74 To install %product%

75 75 </p>

76 76 <list type="decimal">

77 77

78 78 <a href="https://www.jetbrains.c

79 79

49 49 MacOS 10.5 or higher

50 50

51 51 (only 64-bit systems are su

52 52 </td>

53 53 <td>

54 54 <list type="bullet">

55 55

56 56 OS Linux (note that

57 57

58 58

59 59 KDE, Gnome or Uni

60 60

61 61 </list>

62 62 </td>

63 63 </tr>

64 64 </table>

65 65 </chapter>

66 66 </chapter>

67 67 <chapter title="Download and install %product%

68 68 <p id="editions">

69 69 %product% is available in two editor

70 70 The <control>Community</control> edit

71 71 The <control>Ultimate</control> editi

72 72 For details, see the <a href="https://

73 73 </p>

74 74 <p>

75 75 To install %product%

76 76 </p>

77 77 <list type="decimal">

78 78

79 79 <a href="https://www.jetbrains.co

80 80

81 81

82 82 Do the following depending on your

>> Accept Left Side
<< Accept Right Side
Resolve using Left
Resolve using Right
Resolve Automatically
X Ignore
Compare with Clipboard
Annotate

Ignore
Ctrl+click to resolve conflict

Accept
Ctrl+click to resolve conflict

Accept Left Accept Right Apply Abort



Column Selection Mode



Column Selection Mode



ALT+SHIFT+INSERT Column Selection Mode



Column Selection Mode

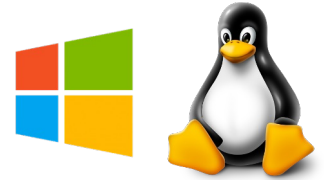


SHIFT(↑)+COMMAND(⌘) + 8

Column Selection Mode



Multicursors



ALT+SHIFT+ [Click]

Start Multicursors

Delete Single Multicursor

Note: Can be used in ranges as well

ALT+J

Select Next Word Occurrence

ALT+SHIFT+J

Select All Word Occurrences

Can be used with Find...



OPTION(⌘) + SHIFT(⇧) + [Click]

Start Multicursors

Delete Single Multicursor

Note: Can be used in ranges as well

CONTROL(^) + G

Select Next Word Occurrence

CONTROL(^) + COMMAND(⌘) + G

Select All Word Occurrences

Can be used with Find...



Presentation Mode



Build Tools Support



Build Tools Support



- Maven
- Gradle
- SBT
- Leiningen
- Rake
- Buildr
- Ant
- Gant



Live Templates



Live Templates



- Use live templates to insert common constructs into your code, such as
 - Loops,
 - Conditions,
 - Various declarations
 - Print statements



Dojo: Live Templates



Alternative Languages



Alternate Languages



- Kotlin
- Scala
- Groovy
- JRuby
- Jython
- JavaScript
- Haskell
- Other Products



Audience Favorites

Thanks!

Email: dhinojosa@evolutionnext.com

Twitter: [@dhinojosa](https://twitter.com/dhinojosa)