AGENDA

● Find Actions
● Editor Navigation
● Content Assist
● Quick Fixes and Quick Assists
● Search
● Cleanups
● Debugging Tips
● PDE Tips
FIND ACTIONS (Cmd + 3)

- Find and execute commands
- Opens a Preference page, Wizard, View, Perspective
- Execute Toggle commands
- Search for a opened editor
- Launch a run/debug configuration
- Search in Eclipse help
NAVIGATION

- Navigate to a open editors - **Cmd + E**
- Previous/Next opened editor - **Cmd + F6**
- Maximize active editor or view - **Ctrl + M**
- Cycle through last edit locations - **Ctrl + Q**
- Close an editor - **Cmd + W**
- Close all editors - **Cmd + Shift + W**
JAVA EDITOR NAVIGATION

- Open Type - **Cmd + Shift + T**
- Open declaration - **F3**
- In place outline - **Cmd + O**
- Open type hierarchy view - **F4**
- In place type hierarchy - **Cmd + T**
- View javadoc - **Hover**
- View source code in-place - **Shift + hover**
- Open pop up to jump to super implementation - **Cmd+ hover**
- View error and warnings
- BreadCrumbs view
JAVA EDITOR

- Content Assist - Ctrl + Space
  - Auto activation
  - Subword completion
  - Camelcase completion
  - Completion proposal switch between overwrite and insert mode
- Word completion - Cmd + .
- Insert best guessed parameter (new default)
- Templates
- Adding custom templates
QUICK FIX & QUICK ASSIST (Ctrl + 1)

- Quick assist to create new implementation
- Generate getters/setters
- Generate constructors
- Quick fix to create local variable
- Quick assist while to do-while loop
- Quick assist for multi-constant case labels
- Quick assist to create try-with-resources
- Quick assist to create permitted type
SEARCH

- Quick text search
- Remember last used page in Search Dialog
- Mark occurrences
- Find References
- Differentiate search filter for normal imports from static imports
- Fine-grained search for permitted types
CLEANUP TYPES

- Code organising
- Code style
- Duplicate
- Member Access
- Java Feature
- Missing Code
- Performance
- Unnecessary code
DEBUG

- Lambda debugging
- Trigger points vs Hit Count breakpoint vs Tracepoint breakpoint
- Suspend Thread vs Suspend VM
- Classload breakpoint and Exception breakpoint
DEBUG - New features

- Toggle tracepoint on editor ruler
- Debug hover on chain of variables
- Execute variables in current stack
- Console features
PDE

- Sample API tool problem and change problem severity (or add filter)
- Disable API Analysis - Preference option of PDE
- Open Plugin Artifact Control - **Cmd + Shift + A**
- Layout Spy
  - Plugin Selection Spy - **Alt+Shift+F1**
  - Plugin Menu Spy - **Alt+Shift+F2**
  - Show Contributing Plugin - **Alt+Shift+F3**
  - Layout Spy - **Control+Alt+Shift+F9**
- Manipulating target
PDE - New features

- Warning for missing bundle in API tool
- Info as problem severity in PDE compiler
- Exclude a bundle from target platform view
- New System Theme added in 4.18
- Improvements in Windows Dark theme
- Improved Close button for tabs
- Filter field for configuration details
- Experimental support for Edge browser on windows
- Early support for Mac arm64
REFERENCES

- Eclipse IDE New and noteworthy
  https://www.eclipse.org/eclipse/news
- Eclipse IDE Keybindings
  https://www.eclipse.org/getting_started/content/eclipse-ide-keybindings.pdf
- Holger Voormann’s videos
  https://www.youtube.com/channel/UC_6q5CvFpKUqg_dbmxsSgqw
- Create your own Eclipse template
  https://dzone.com/articles/adding-custom-templates-in-eclipse-for-faster-java
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