Jimin Hsieh

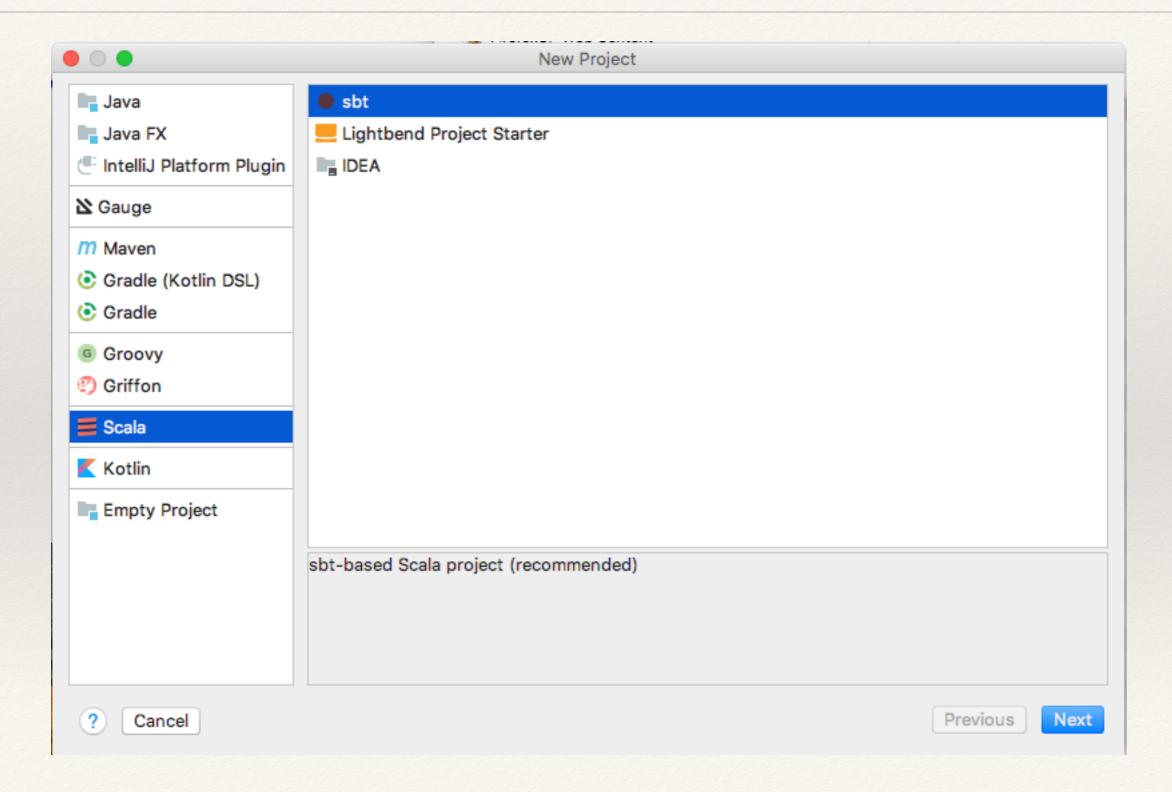
IntelliJ with Scala

https://gitter.im/jiminhsieh
https://twitter.com/JiminHsieh

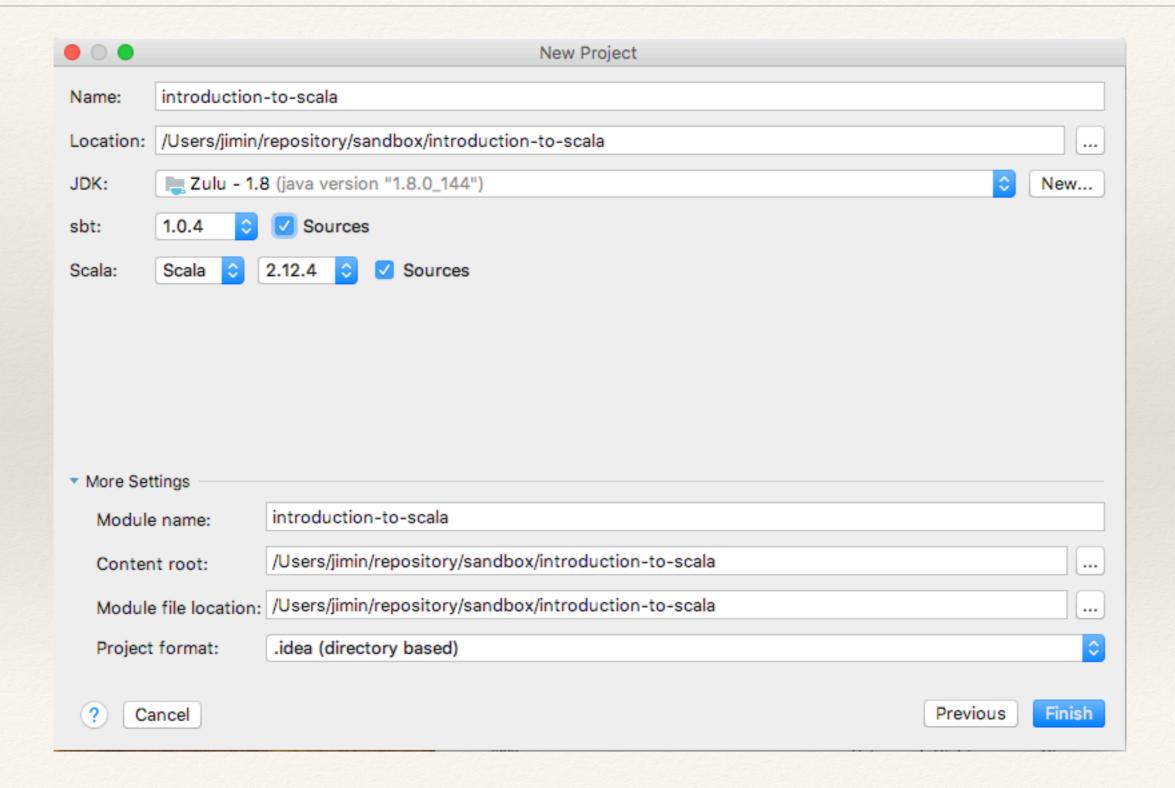
Agenda

- Create new project
- * Import new project
- * Basic operation with IntelliJ
- * How to development?
- * Trace & Debug with IntelliJ

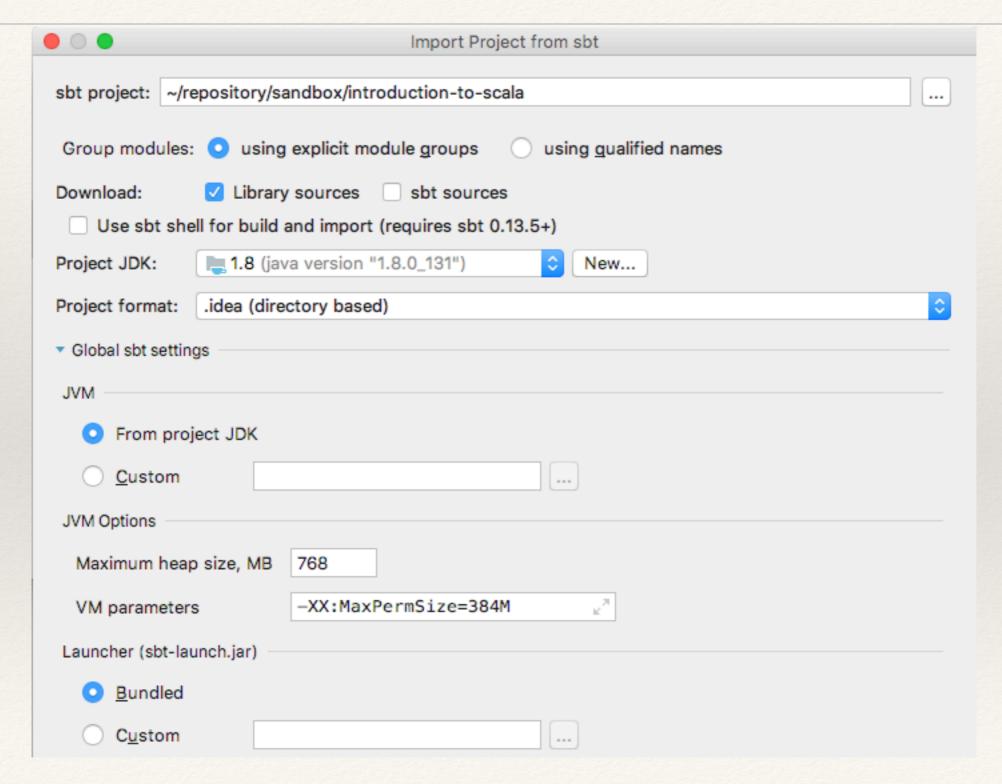
Create new project - 01



Create New Project - 02



Import new project



Basic Operation with IntelliJ

	macOS	Win	
Show type	[Ctrl][Shift][p]	[Alt][Equals]	
Build project	[#][F9]	[Ctrl][Shift][F9]	
Find Class	[\mathbb{H}][o]	[Ctrl][n]	
Find File	[\mathbb{H}][Shift][o]	[Ctrl][Shift][n]	
Search current text	[\mathbb{H}][f]	[Ctrl][f]	
Search global text	[#][Shift][f]	[Ctrl][Shift][f]	
Line Comment	[\mathbb{H}][/]	[Ctrl][/]	
Block Comment	[\mathbb{H}][Shift][/]	[Ctrl][Shift][/]	

How to development?

- Large project or project with advanced Scala features
 - * IntelliJ as an advanced editor.
 - * Be aware that syntax highlight in IntelliJ doesn't always correct.
 - * Terminal with sbt to build/compile and test.
- Without using advanced Scala features
 - * IntelliJ is fine for most use cases.

Trace & Debug with IntelliJ

- Breakpoint
 - Step into (F7)
 - * Step over (F8)
 - Step out (Shift + F8)

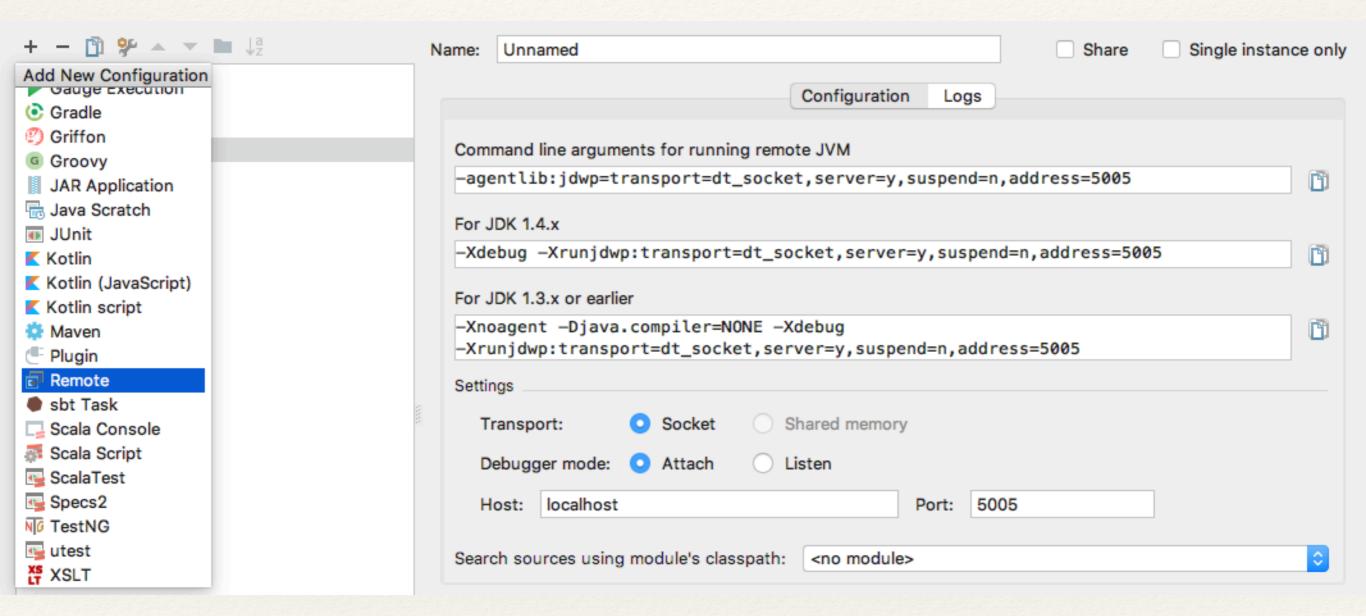
Remote Debug

- * Why remote debug?
 - * When we do not start application through IntelliJ.
 - * For instance, we start application through sbt.

How to debug remotely?

Run	Tools	VCS	Window	Help	
Run 'ScalaMain (1)'				^ R	
				^ D	
Run 'ScalaMain (1)' with Coverage					
▶ Run			^\\R		
ME Debug			\ZD		
Attach to Local Process					
Edit Configurations					
- } ∣	mport To	est Res	ults		•
	Stop				₩F2
	Show Ru	nning L	ist		
⊗ :	Stop Bac	kgroun	nd Processe	S	企業F2

How to debug remotely?



sbt debug port

- * Application and sbt are in the same process (default).
 - * \$ sbt -jvm-debug 5005
- * Application and sbt are different process.
 - Pass JVM options to forked process.
 - * -agentlib:jdwp=transport=dt_socket,server=y,suspend=n,address=5005

IntelliJ Debugger



Reference

* IntelliJ Debugging