

# Setting up scala with IntelliJ

Asked 12 years, 2 months ago Modified 3 years, 5 months ago Viewed 53k times

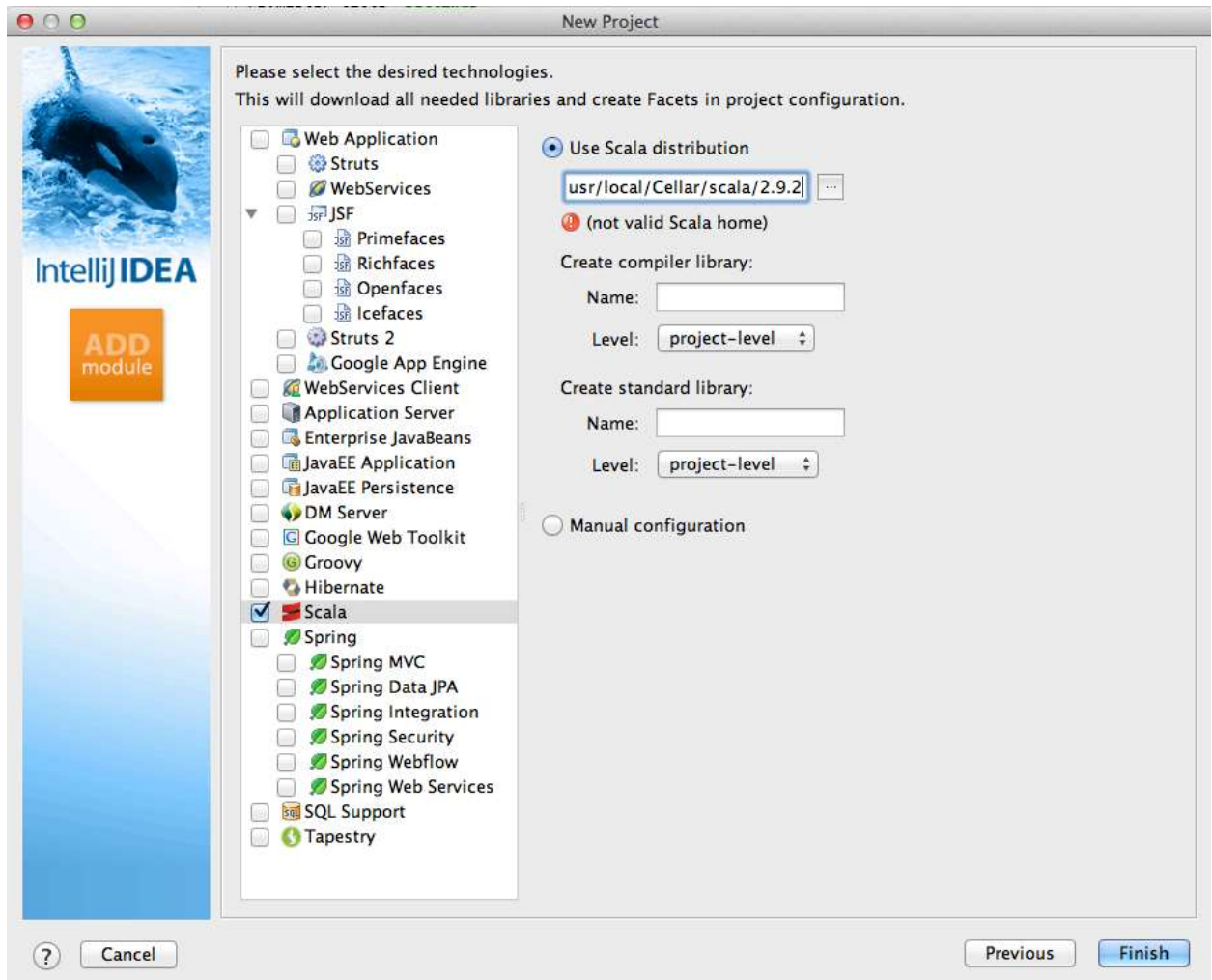
I have IntelliJ ultimate 11.1, with the scala plugin installed.

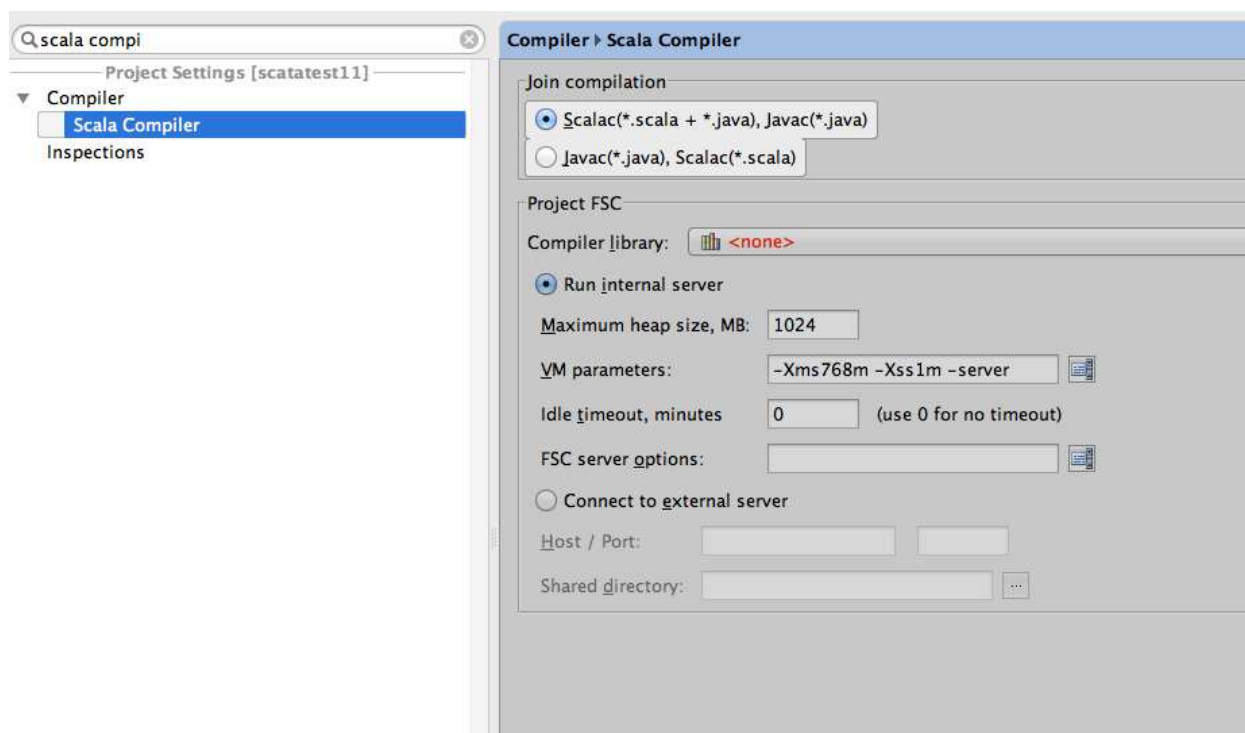
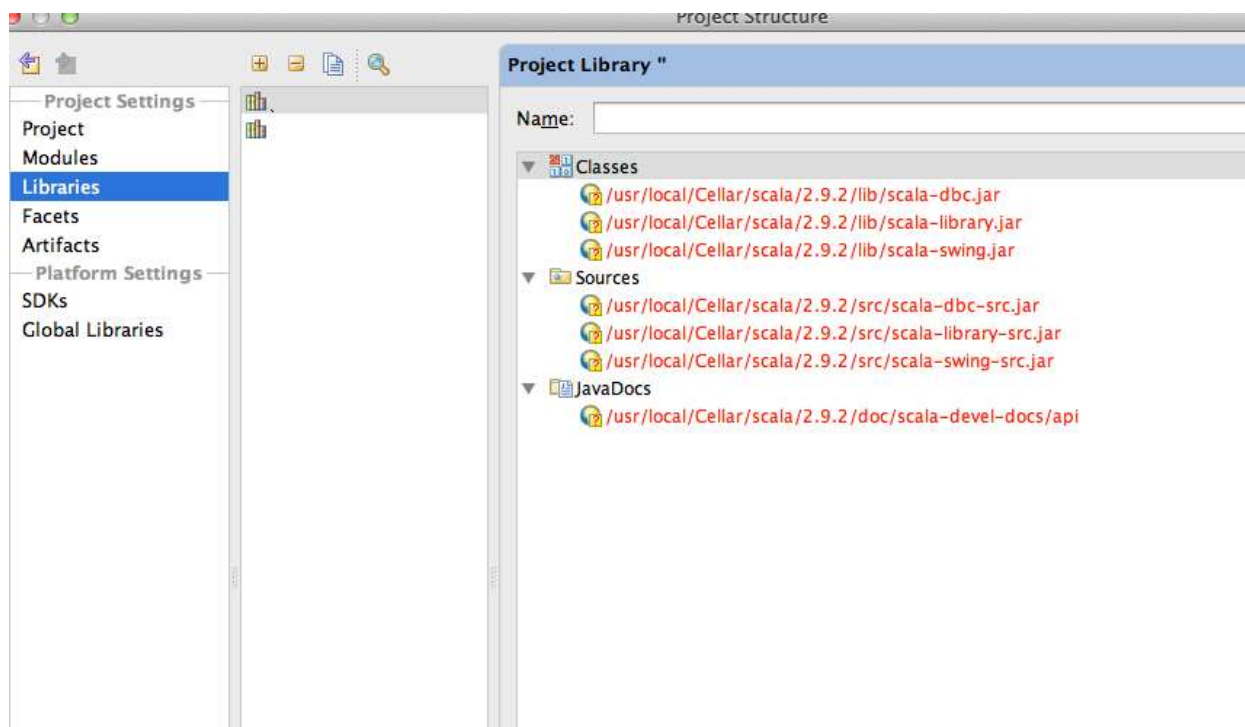
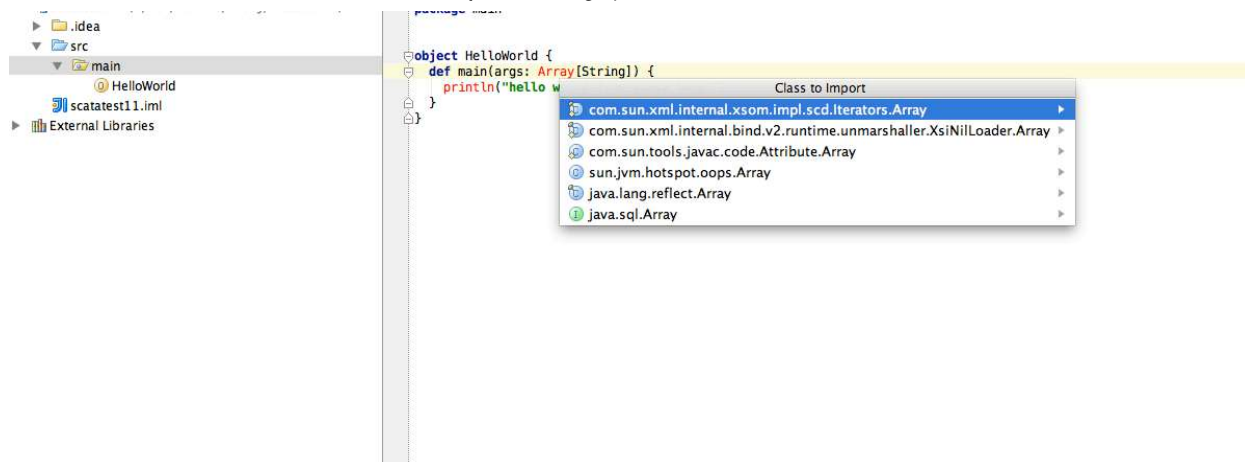
I installed scala 2.9.2 using homebrew, which put scala in:

```
/usr/local/Cellar/scala/2.9.2>
```

```
>which scala
/usr/local/bin/scala
>scala -version
Scala code runner version 2.9.2 -- Copyright 2002–2011, LAMP/EPFL
```

Creating a new java module project, I get this:





Can someone help me fix these issues, why didn't the scala plugin make this work out of the box? :)

java macos scala intellij-idea

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edited Feb 4, 2013 at 0:06



t0r0X

4,533 ● 1 ● 41 ● 37

asked May 31, 2012 at 3:18



Blankman

265k ● 329 ● 786 ● 1.2k

Which says that scala in `/usr/local/bin/scala` why do you telling that it is in Cellar?

– om-nom-nom May 31, 2012 at 5:11

## 8 Answers

Sorted by: Highest score (default) ▾



87



You need to specify `/usr/local/Cellar/scala/2.9.2/libexec` directory on your first screenshot. This is Mac `brew` specific, the same case is valid for `grails` installed via `brew`.

Standard [Scala distribution download](#) has different layout which IDEA understands correctly, `brew` is creating `libexec` directory where it writes `/lib` and `/src` directories expected by IDEA.

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answered May 31, 2012 at 6:12



CrazyCoder

398k ● 178 ● 1k ● 929

3 thanks, now it says with a yellow sign "version 2.9.2, no doc/scala-devel-...", how do I fix that?

– Blankman Jun 1, 2012 at 1:03

11 Download the documentation from [scala-lang.org/downloads/distrib/files/scala-docs-2.9.2.zip](#), unpack in some directory, modify JavaDocs directory in the `scala-library` in IDEA module libraries to the directory where you have unpacked the documentation (this directory must have `scala` subdirectory with `.html` files. – CrazyCoder Jun 1, 2012 at 4:44

I came here trying to find where I should download the docs for the scala download from the installation from the web site. I instead used brew to install it and then it tells you a scala home to use for IntelliJ. – Egwor Dec 27, 2013 at 12:30

3 Even with `brew install scala --with-docs` pointing at `libexec` will give you doc errors. Update your homebrew and then point at `/usr/local/Cellar/scala/2.XX.X/idea` to get the doc errors to go away. – Ashley Jan 16, 2014 at 20:14 ✎



71



### Updated for IntelliJ 11.1.5

Here's a step by step for any of those who are trying to get Scala in IntelliJ up and running.

### Download Scala Plugin

IntelliJ > Preferences > Plugins > Browse Repositories... > Scala Click Ok and allow IntelliJ to restart



## Download Scala

In Terminal enter

```
brew install scala --with-docs
```

## Setup symbolic links for IntelliJ discovery process

```
ln -s /usr/local/Cellar/scala/<version>/libexec/src
/usr/local/Cellar/scala/<version>/src
ln -s /usr/local/Cellar/scala/<version>/libexec/lib
/usr/local/Cellar/scala/<version>/lib
mkdir -p /usr/local/Cellar/scala/<version>/doc/scala-devel-docs
ln -s /usr/local/Cellar/scala/<version>/share/doc/scala
/usr/local/Cellar/scala/<version>/doc/scala-devel-docs/api
```

## Create Project in IntelliJ

Here you are going to create a Java project from scratch as you normally would. However, in the last step, you will select Scala in the "Technologies" page.

In the **Use Scala Distribution** enter `/usr/local/Cellar/scala/<version>`

In the **Compiler** dropdown select `scala-compiler`

Click Ok and you are ready to create your first Scala object

For reference -> <http://scalacookbook.blogspot.com/2012/09/scala-for-intellij.html>

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edited Jul 20, 2013 at 20:16

answered Sep 19, 2012 at 0:20



juice

1,651 ● 15 ● 11

This is great! When I follow this it also complains that there is no SDK. Where are the SDK folder?  
– Christopher Feb 25, 2013 at 12:58

If my memory serves me correct, the SDK is still Java. The Scala piece is still just a facet of the main project. That is, there is no "pure" Scala project setup – juice Mar 19, 2013 at 4:14

- 1 Would it be worth updating this answer with "--use-docs" to get the documentation, then it'd be the authoritative answer for those who search for the answer? – David Roussel Jul 14, 2013 at 13:41

Also, is it worth updating the brew formula to add in the symlinks automatically? – David Roussel Jul 14, 2013 at 13:43

Good suggest about the --with-docs (use-docs). I went ahead and changed this and updated some other items for 11.1.5. – juice Jul 20, 2013 at 20:16



20

The latest Brew has already realized this problem and created automatic symlinks upon installing Scala.

Firstly, install Scala with Documentation



```
brew install scala --with-docs
```



Secondly, provide the following path in IntelliJ

```
/usr/local/opt/scala/idea
```

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answered Aug 18, 2013 at 20:59



[Srinivasan Annamalai](#)

369 ● 3 ● 9



16



Rather than downloading the docs separately you can use the `--with-docs` option when installing scala with homebrew:

```
brew install scala --with-docs
```

Then in IntelliJ point your JavaDocs path in the scala-library to

```
/usr/local/Cellar/scala/2.9.2/share/doc.
```

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answered Dec 22, 2012 at 17:09



[David Keen](#)

633 ● 7 ● 11



7



I'm just found another way to configure scala with IntelliJ. If scala installed with brew then just write in terminal:

```
brew info scala
```

you will see smth like that:

```
scala: stable 2.11.4 (bottled)
http://www.scala-lang.org/
/usr/local/Cellar/scala/2.11.4 (3401 files, 433M) *
  Built from source with: --with-docs
From: https://github.com/Homebrew/homebrew/blob/master/Library/Formula/scala.rb
==> Options
--with-docs
  Also install library documentation
--with-src
  Also install sources for IDE support
==> Caveats
To use with IntelliJ, set the Scala home to:
  /usr/local/opt/scala/idea

Bash completion has been installed to:
  /usr/local/etc/bash_completion.d
```

Then just include `/usr/local/opt/scala/idea` into your idea config panel.

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edited Feb 27, 2015 at 15:13

answered Dec 1, 2014 at 20:36



Dmitry Zagorulkin

8,498 ● 4 ● 38 ● 61

when I am installing should I be using `brew install scala --with-docs --with-src` or just `brew install scala` ? – [add-semi-colons](#) Feb 3, 2016 at 15:56

Now is 2021 year. my (latest) environment is:

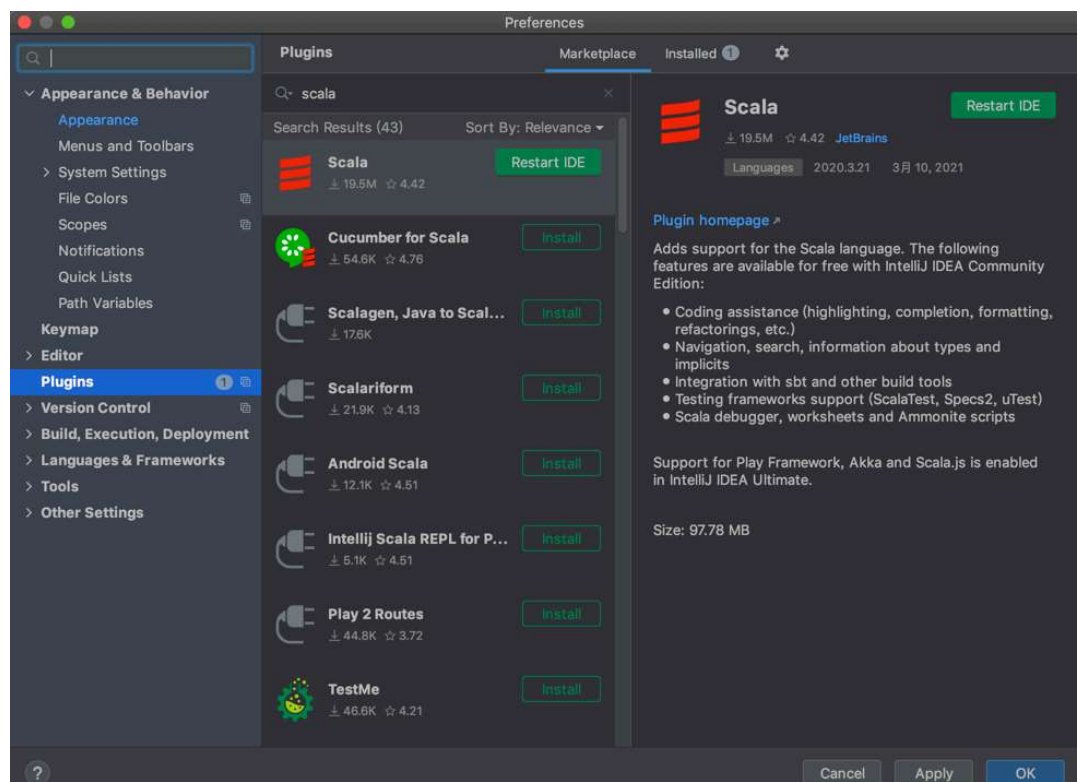
- `IntelliJ IDEA`: `IntelliJ IDEA 2020.3.2 (Community Edition)`
- `OS`: `macOS 10.14.6`

## Steps to setup Scala using IntelliJ IEA in Mac

- install scala using brew
  - `brew install scala`

## in IntelliJ

- install `scala` plugin
  - `IntelliJ IDEA` -> `Preferences` -> `Plugins` -> search: `scala` -> `Search in Marketplace` -> `Install` -> `Restart IDE`

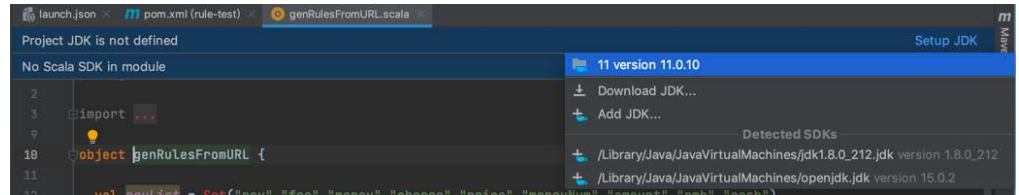




- configure **Java JDK** + configure **Scala SDK** : when first time open **\*.scala** file, will notice you:

- **Project JDK is not defined**

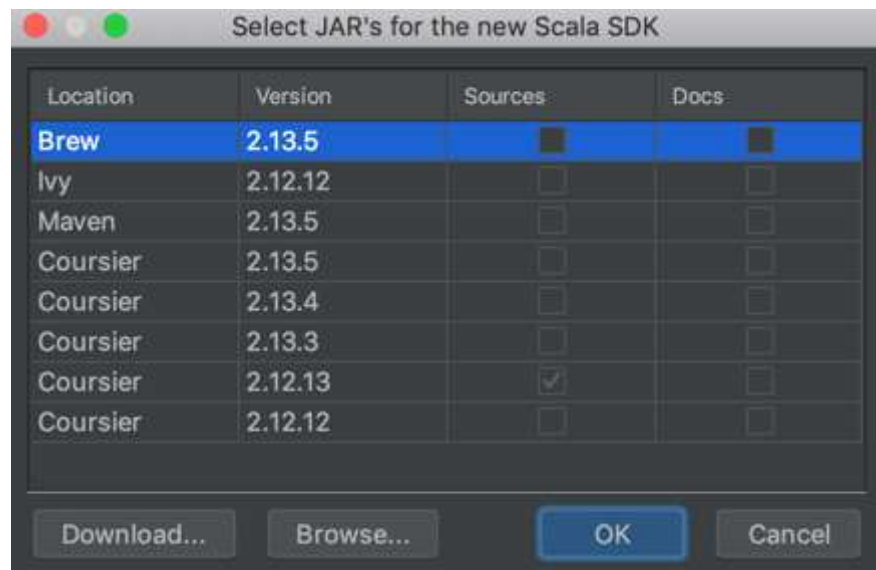
- click **Setup SDK** -> choose (your installed) **Java 11**



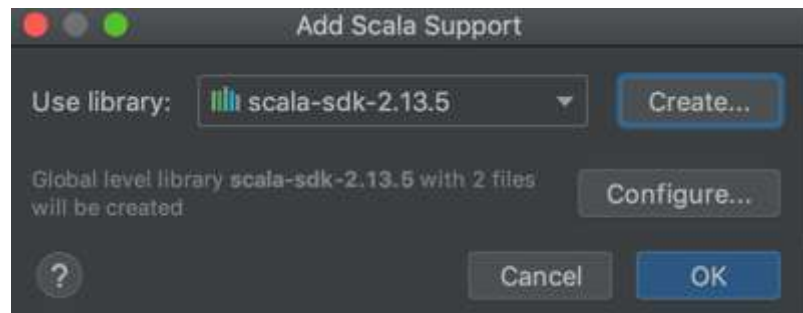
- **No Scala SDK in module**

- click **Setup Scala SDK**

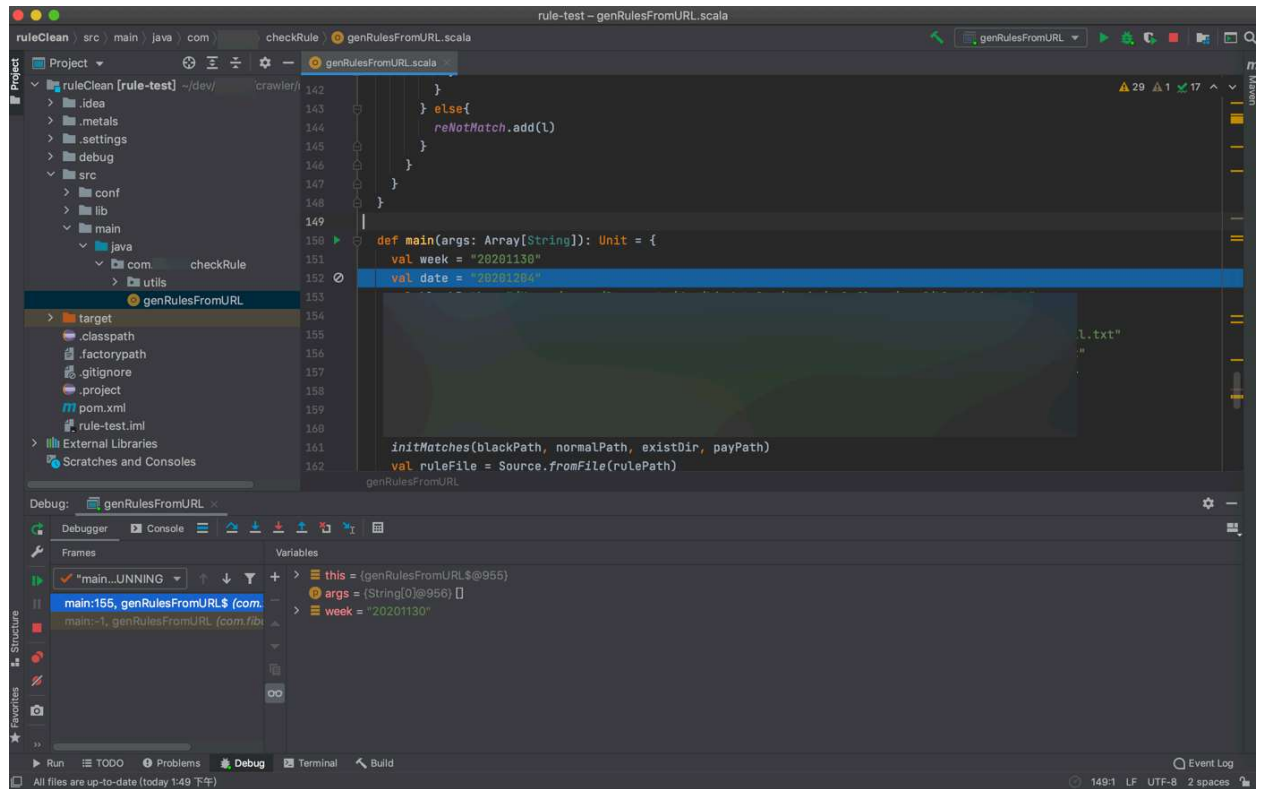
- **Add Scala Support** -> **Use library** -> **Create** -> **Select JAR's for the new Scala SDK** -> Click and choose **Brew** -> **OK**



- **Add Scala Support** -> **Use library** -> (then) selected: **scala-sdk-2.13.5** -> **OK**



finally can happy debug scala (file's class's **main** function):



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answered Mar 10, 2021 at 8:30



crifan

14k ● 2 ● 77 ● 64



I am using Yosemite, and the following worked for me.

1

```
brew install scala --with-docs
```



Then I tested IntelliJ by creating a new project, using the Java SDK, and for compiler putting in:



```
/usr/local/Cellar/scala/[insertversion]/libexec
```

[Here is what I see in IntelliJ when I created a new project with these settings](#)

I tested compiling a Hello World program via [this](#) and it compiled correctly to the console.

Note, I ignored what @Zagorulkin said above even though it seems logical that if Homebrew is saying so my compile path should be different to the above.

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answered Oct 17, 2015 at 10:07



Dhruv Ghulati

3,024 ● 3 ● 35 ● 54



Change `/usr/local/Cellar/scala/2.9.2` to `/usr/local/Cellar/scala/` and you are good to go.



**-2**

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answered Oct 27, 2013 at 4:57



[ajknzhol](#)

**6,412** ● 13 ● 48 ● 75

