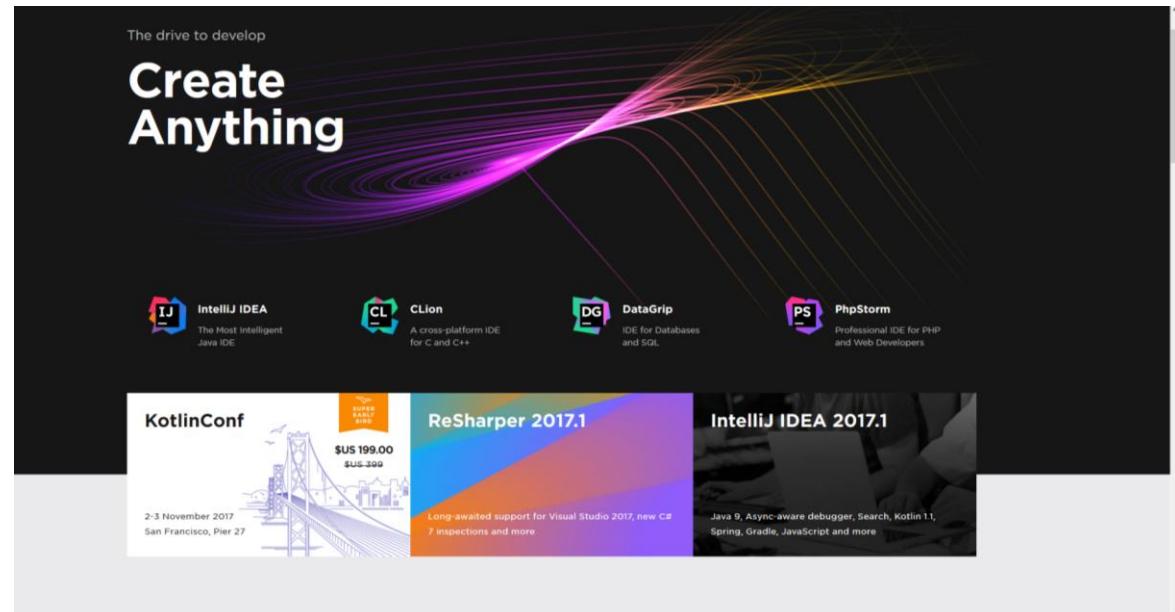




## Installation procedure (on Windows)

Now we should download, install and configure an IDE. Let us see how to proceed with IntelliJ IDEA.

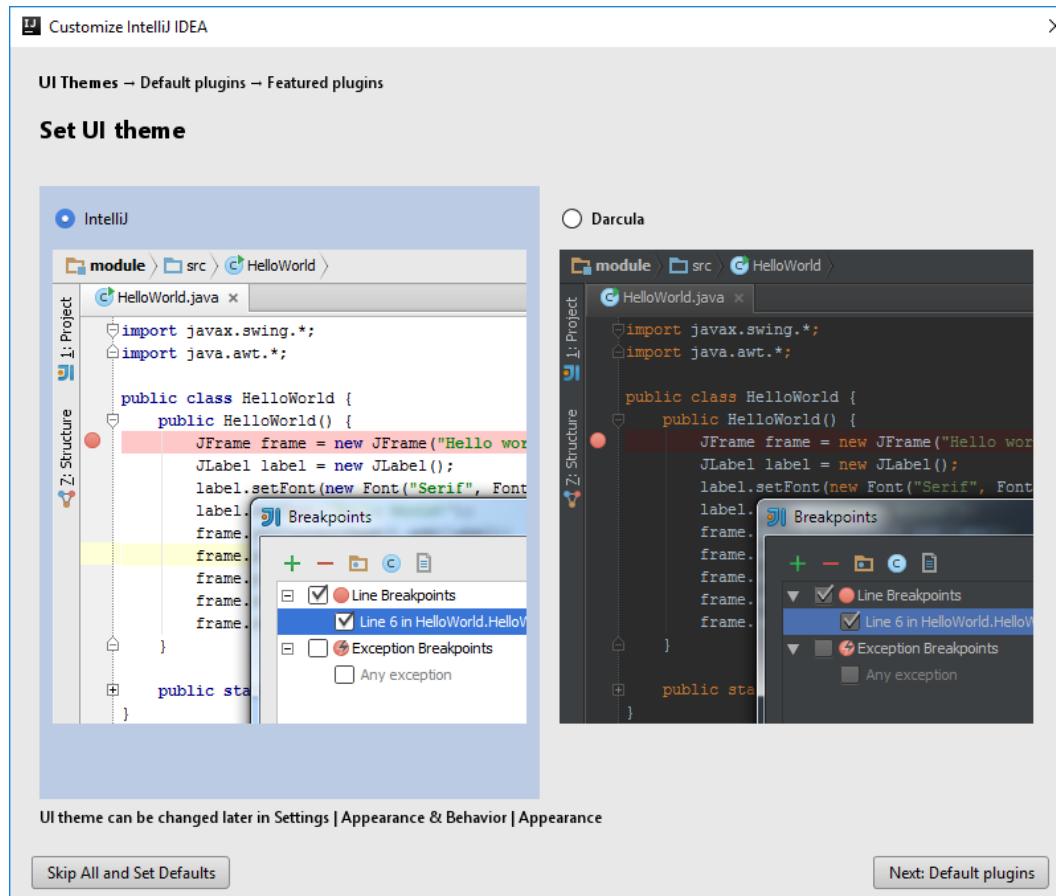
Download and install the latest version from  
<https://www.jetbrains.com/idea/>





# Installation procedure (on Windows)

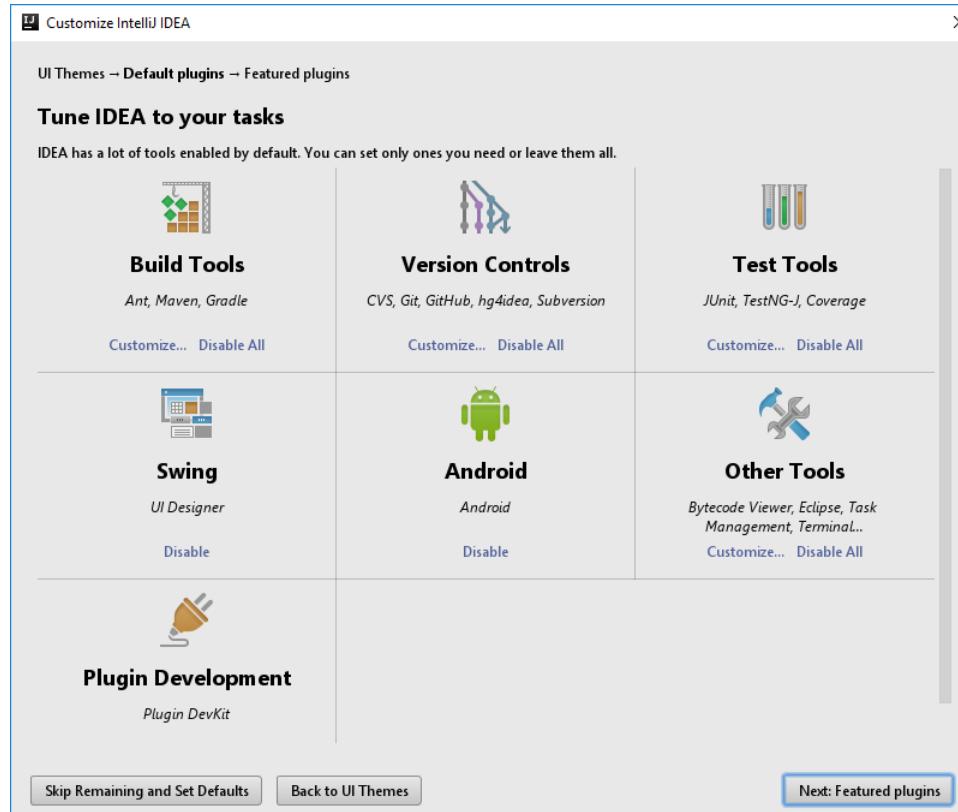
Open IntelliJ IDEA. First, set the IDE style.





## Installation procedure (on Windows)

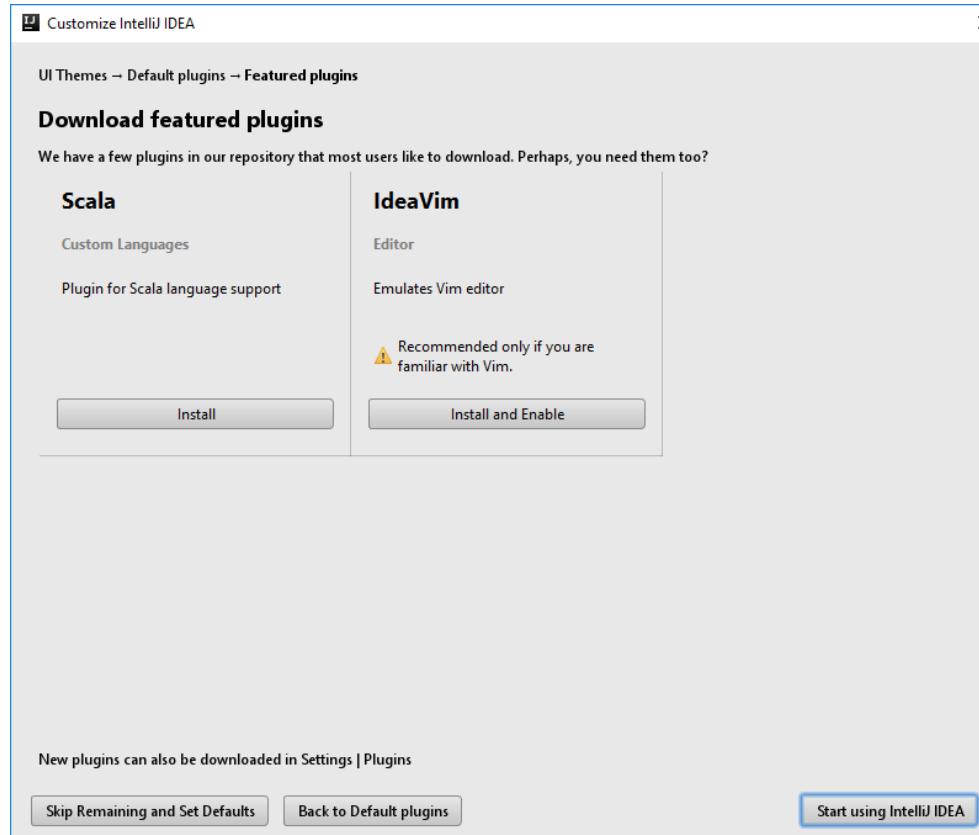
Next, we can select some useful plugins. Actually, we do not need anything from the first window...





## Installation procedure (on Windows)

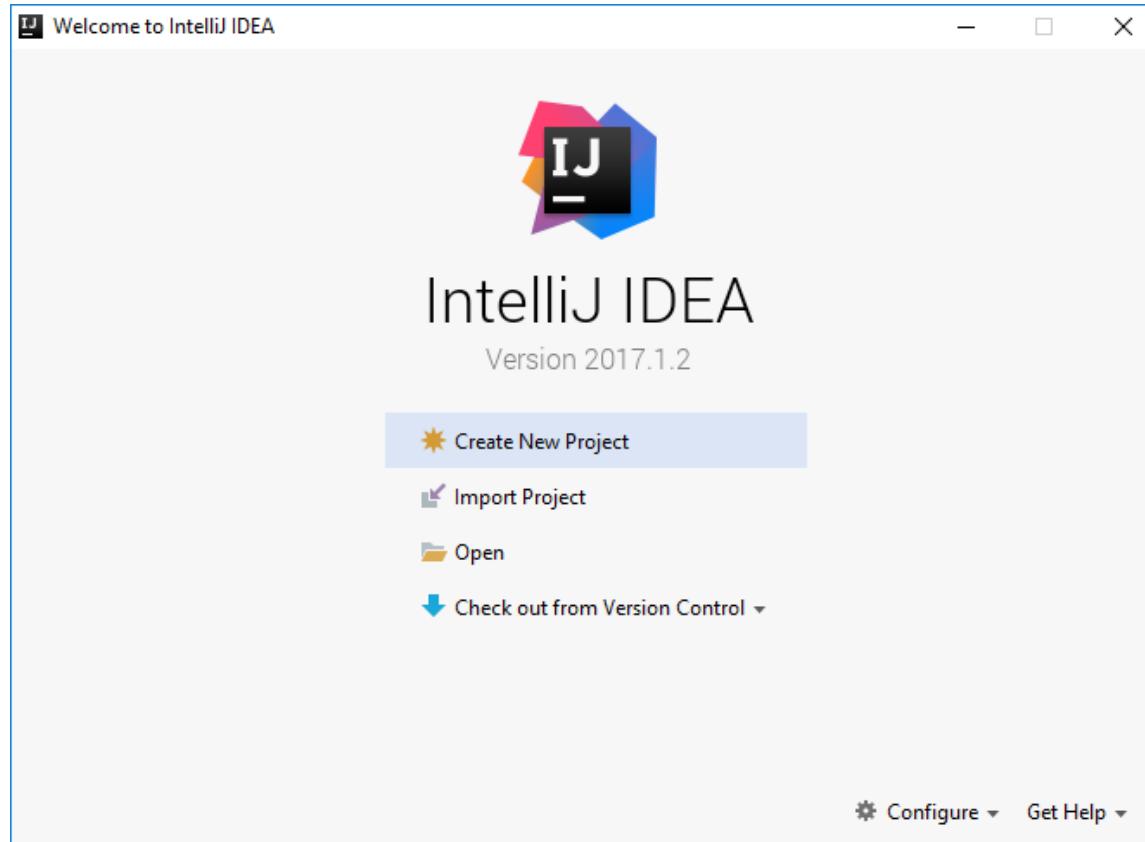
...but we need the Scala Plugin from the second window.





## Installation procedure (on Windows)

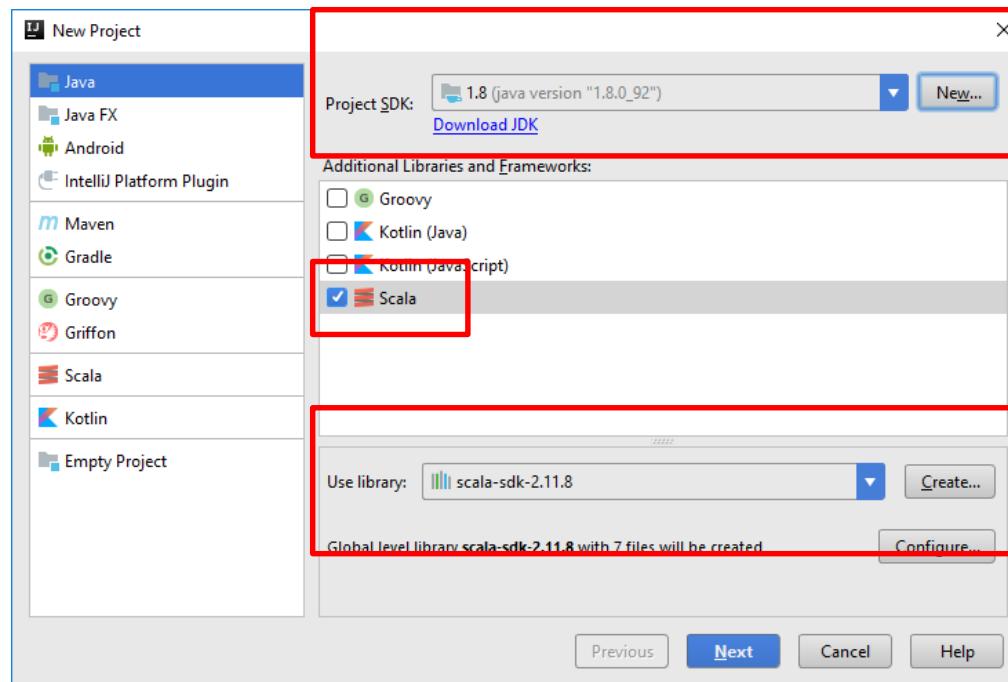
Now we can start IntelliJ IDEA.





## Installation procedure (on Windows)

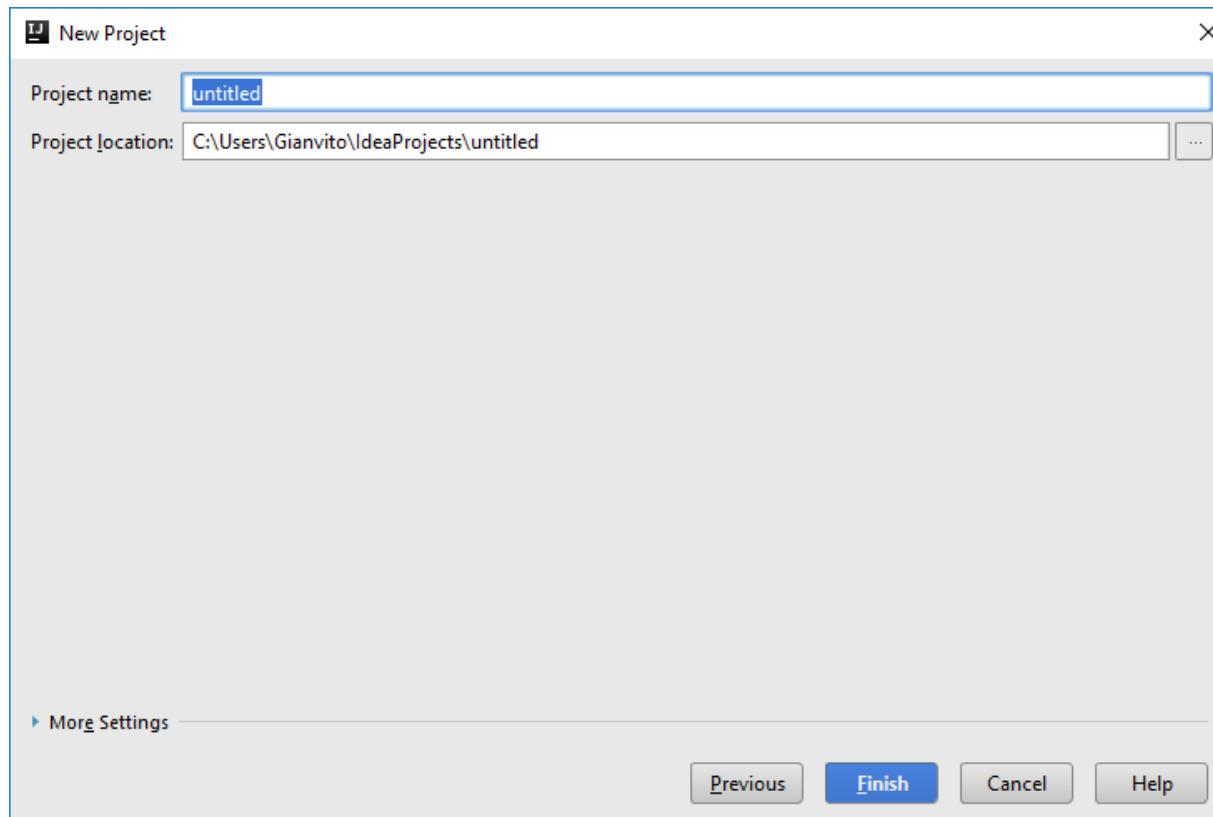
- Select Project SDK (linking it to the Java SDK root)
- Select Scala
- Select the Scala version from the dropdown menu.





## Installation procedure (on Windows)

- Choose a name for our project and click Finish.





## Installation procedure (on Windows)

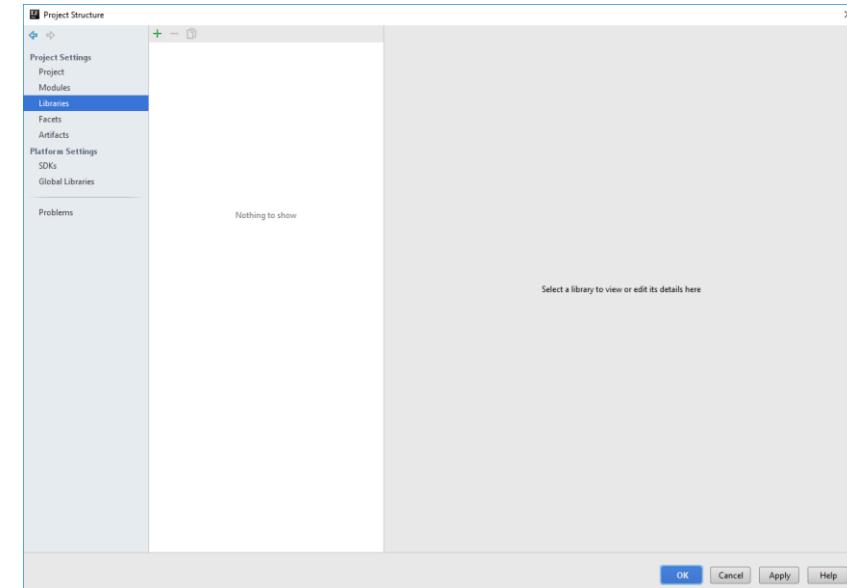
Right-click on the src folder

Open module Setting

Select Libraries

Click on +

Select «From Maven»



**Search for org.apache.spark:spark-core\_**

Tested versions:

Scala 2.11.8

org.apache.spark:spark-core\_2.11:2.1.1



## Installation procedure (on Windows)

Now we can create our first example.

```
import org.apache.spark.{SparkConf, SparkContext}

object HelloWorld
{
    def main(args: Array[String]): Unit = {
        val conf = new SparkConf().setAppName("Simple Application").setMaster("local[*]")
        val sc = new SparkContext(conf)
        var miaLista = List((2,'c'), (1,'b'))
        val mioRDD = sc.parallelize(miaLista)
    }
}
```



## Installation additional libraries

Right-click on the src folder

Open module Setting

Select Libraries

Click on +

Select «From Maven»

Add the following libraries:

org.apache.spark:spark-sql\_2.11:2.1.3

org.apache.spark:spark-graphx\_2.11:2.1.3

ml.sparkling:sparkling-graph-api\_2.11:0.0.7

ml.sparkling:sparkling-graph-examples\_2.11:0.0.7

ml.sparkling:sparkling-graph-loaders\_2.11:0.0.7

ml.sparkling:sparkling-graph-operators\_2.11:0.0.7

