

Comenzamos con la instalación:

Curso 'Scala desde Cero' x 12. Instalación Apache x Apache Zeppelin 0.8.2 x Downloads x Crear el primer reposito x GitHub - ferjparrod/M x + - x

zeppelin.apache.org/docs/latest/quickstart/install.html

Apps Gmail Translate (10) Fix: VirtualBox...

**Zeppelin** 0.8.2 Quick Start Usage Setup Interpreter More

## Install

- Requirements
  - Downloading Binary Package
  - Building Zeppelin from source
- Starting Apache Zeppelin
- Start Apache Zeppelin with a service manager
- Next Steps

Welcome to Apache Zeppelin! On this page are instructions to help you get started.

## Requirements

Apache Zeppelin officially supports and is tested on the following environments:

Name	Value
Oracle JDK	1.7 (set JAVA_HOME )

zeppelin-0.8.2-bin-....tgz 448/952 MB, 6 mins left

Show all x

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20:32 26/01/2020

Tras descargar en nuestro disco duro el “**zeppelin-0.8.2-bin-all**” y descomprimirlo con la herramienta “**7Zip**”, entramos en su directorio

```
Administrador: Windows PowerShell
En línea: 1 Carácter: 1
+ cd fjpar
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (C:\users\fjpar:String) [Set-Location], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\users> dir

Directorio: C:\users

Mode                LastWriteTime         Length Name
----                -
d-----          22/01/2020   18:02             Fernando
d-r--          20/01/2020   22:11             Public

PS C:\users> cd Fernando
PS C:\users\Fernando> cd desktop
PS C:\users\Fernando\desktop> dir

Directorio: C:\users\Fernando\desktop

Mode                LastWriteTime         Length Name
----                -
d-----          26/01/2020   20:34      pantallazos download zeppelin
d-----          26/09/2019    5:48      zeppelin-0.8.2-bin-all
-a-----          20/01/2020   21:35          719 Asistente para actualización a Windows 10.lnk
-a-----          24/01/2020   19:44      2537 Avast Secure Browser.lnk
-a-----          20/01/2020   22:59      2434 GitHub Desktop.lnk
-a-----          20/01/2020   23:04          72 Gmail.url
-a-----          20/01/2020   19:32      1417 Microsoft Edge.lnk
-a-----          20/01/2020   21:08      1377 Slack.lnk

PS C:\users\Fernando\desktop> cd zeppelin-0.8.
cd : No se encuentra la ruta de acceso 'C:\users\Fernando\desktop\zeppelin-0.8.' porque no existe.
En línea: 1 Carácter: 1
+ cd zeppelin-0.8.
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (C:\users\Fernando\desktop\zeppelin-0.8.:String) [Set-Location], ItemNot
FoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS C:\users\Fernando\desktop> cd zeppelin-0.8.2-bin-all
PS C:\users\Fernando\desktop\zeppelin-0.8.2-bin-all>
```

Lanzamos la orden “bin/zeppelin.cmd” la cuál nos levantará la conexión con el localhost:8080

Administrador: Windows PowerShell

cd : No se encuentra la ruta de acceso 'C:\users\Fernando\desktop\zeppelin-0.8.' porque no existe.

En línea: 1 Carácter: 1

+ cd zeppelin-0.8.

```
+ CategoryInfo          : ObjectNotFound: (C:\users\Fernando\desktop\zeppelin-0.8.:String) [Set-Location], ItemNot
FoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand
```

PS C:\users\Fernando\desktop> cd zeppelin-0.8.2-bin-all

PS C:\users\Fernando\desktop\zeppelin-0.8.2-bin-all> dir

Directorio: C:\users\Fernando\desktop\zeppelin-0.8.2-bin-all

Mode	LastWriteTime	Length	Name
d----	26/09/2019 5:31		bin
d----	26/09/2019 5:32		conf
d----	26/09/2019 5:40		interpreter
d----	26/09/2019 5:48		lib
d----	26/09/2019 5:49		licenses
d----	26/09/2019 5:32		notebook
-a----	26/09/2019 5:49	61704	LICENSE
-a----	26/09/2019 5:49	5620	NOTICE
-a----	26/09/2019 5:32	1325	README.md
-a----	26/09/2019 5:46	30036217	zeppelin-web-0.8.2.war

PS C:\users\Fernando\desktop\zeppelin-0.8.2-bin-all> bin\zeppelin.cmd

Log dir doesn't exist, create C:\Users\Fernando\Desktop\zeppelin-0.8.2-bin-all\logs

Pid dir doesn't exist, create C:\Users\Fernando\Desktop\zeppelin-0.8.2-bin-all\run

Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=512m; support was removed in 8.0

SLF4J: Class path contains multiple SLF4J bindings.

SLF4J: Found binding in [jar:file:/C:/Users/Fernando/Desktop/zeppelin-0.8.2-bin-all/lib/interpreter/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: Found binding in [jar:file:/C:/Users/Fernando/Desktop/zeppelin-0.8.2-bin-all/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]

SLF4J: See [http://www.slf4j.org/codes.html#multiple\\_bindings](http://www.slf4j.org/codes.html#multiple_bindings) for an explanation.

SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]

WARN [2020-01-26 20:46:44,470] ({main} ZeppelinConfiguration.java[create]:117) - Failed to load configuration, proceeding with a default

INFO [2020-01-26 20:46:44,503] ({main} ZeppelinConfiguration.java[create]:129) - Server Host: 127.0.0.1

INFO [2020-01-26 20:46:44,504] ({main} ZeppelinConfiguration.java[create]:131) - Server Port: 8080

INFO [2020-01-26 20:46:44,505] ({main} ZeppelinConfiguration.java[create]:135) - Context Path: /

INFO [2020-01-26 20:46:44,510] ({main} ZeppelinConfiguration.java[create]:136) - Zeppelin Version: 0.8.2

INFO [2020-01-26 20:46:44,540] ({main} Log.java[initialized]:193) - Logging initialized @390ms to org.eclipse.jetty.util.log.Slf4jLog

WARN [2020-01-26 20:46:44,607] ({main} ServerConnector.java[setSoLingerTime]:458) - Ignoring deprecated socket close linger time

INFO [2020-01-26 20:46:44,640] ({main} ZeppelinServer.java[setupWebAppContext]:413) - ZeppelinServer Webapp path: C:\Users\Fernando\Desktop\zeppelin-0.8.2-bin-all\webapps

INFO [2020-01-26 20:46:44,689] ({main} ZeppelinServer.java[main]:239) - Starting zeppelin server

INFO [2020-01-26 20:46:44,690] ({main} Server.java[doStart]:370) - jetty-9.4.14.v20181114; built: 2018-11-14T21:20:31.478Z; git: c4550056e785fb5665914545889f21dc136ad9e6; jvm 1.8.0\_241-b07

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20:46  
26/01/2020

Vemos como el servidor se ha conectado correctamente.

Seleccinon Administrador: Windows PowerShell

```
WARN [2020-02-07 03:06:19,353] ({main} Helium.java[loadConf]:111) - C:\Users\Fernando\Desktop\zeppelin-0.8.2-bin-all\conf\helium.json does not exists
Feb 07, 2020 3:06:21 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.NotebookRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint con
figuration problems the provider org.apache.zeppelin.rest.NotebookRestApi will be ignored.
Feb 07, 2020 3:06:21 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.SecurityRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint con
figuration problems the provider org.apache.zeppelin.rest.SecurityRestApi will be ignored.
Feb 07, 2020 3:06:21 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.NotebookRepoRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint
configuration problems the provider org.apache.zeppelin.rest.NotebookRepoRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.InterpreterRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint
configuration problems the provider org.apache.zeppelin.rest.InterpreterRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.CredentialRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint c
onfiguration problems the provider org.apache.zeppelin.rest.CredentialRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.ZeppelinRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint con
figuration problems the provider org.apache.zeppelin.rest.ZeppelinRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.LoginRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint config
uration problems the provider org.apache.zeppelin.rest.LoginRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.ConfigurationsRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constrain
t configuration problems the provider org.apache.zeppelin.rest.ConfigurationsRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.inject.Providers checkProviderRuntime
ADVERTENCIA: A provider org.apache.zeppelin.rest.HeliumRestApi registered in SERVER runtime does not implement any provider interfaces applicable in the SERVER runtime. Due to constraint confi
guration problems the provider org.apache.zeppelin.rest.HeliumRestApi will be ignored.
Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.Errors logErrors
ADVERTENCIA: The following warnings have been detected: WARNING: A HTTP GET method, public javax.ws.rs.core.Response org.apache.zeppelin.rest.InterpreterRestApi.listInterpreter(java.lang.Strin
g), should not consume any entity.
WARNING: A HTTP GET method, public javax.ws.rs.core.Response org.apache.zeppelin.rest.CredentialRestApi.getCredentials(java.lang.String) throws java.io.IOException,java.lang.IllegalArgumentExceptionExc
eption, should not consume any entity.
WARNING: The (sub)resource method createNote in org.apache.zeppelin.rest.NotebookRestApi contains empty path annotation.
WARNING: The (sub)resource method getNoteList in org.apache.zeppelin.rest.NotebookRestApi contains empty path annotation.

Feb 07, 2020 3:06:22 AM org.glassfish.jersey.internal.Errors logErrors
ADVERTENCIA: The following warnings have been detected: WARNING: A HTTP GET method, public javax.ws.rs.core.Response org.apache.zeppelin.rest.InterpreterRestApi.listInterpreter(java.lang.Strin
g), should not consume any entity.
WARNING: A HTTP GET method, public javax.ws.rs.core.Response org.apache.zeppelin.rest.CredentialRestApi.getCredentials(java.lang.String) throws java.io.IOException,java.lang.IllegalArgumentExceptionExc
eption, should not consume any entity.
WARNING: The (sub)resource method createNote in org.apache.zeppelin.rest.NotebookRestApi contains empty path annotation.
WARNING: The (sub)resource method getNoteList in org.apache.zeppelin.rest.NotebookRestApi contains empty path annotation.


INFO [2020-02-07 03:06:22,319] ({main} ContextHandler.java[doStart]:855) - Started o.e.j.w.WebAppContext@212bf671[zeppelin-web,/,file:///C:/Users/Fernando/Desktop/zeppelin-0.8.2-bin-all/webap
ps/webapp/,AVAILABLE]{C:\Users\Fernando\Desktop\zeppelin-0.8.2-bin-all\zeppelin-web-0.8.2.war}
INFO [2020-02-07 03:06:22,336] ({main} AbstractConnector.java[doStart]:292) - Started ServerConnector@22ebccb9[HTTP/1.1,[http/1.1]]{127.0.0.1:8080}
INFO [2020-02-07 03:06:22,336] ({main} Server.java[doStart]:407) - Started @21926ms
INFO [2020-02-07 03:06:22,340] ({main} ZeppelinServer.java[main]:249) - Done, zeppelin server started
```

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3:06  
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Curso 'Scala desde Cero' x12. Instalación Apache xApache Zeppelin 0.8.2 xCrear el primer reposito xGitHub - ferjparrod/MI- xZeppelin x

localhost:8080/#/AppsGmailTranslate(10) Fix: VirtualBox...

 **Zeppelin** Notebook ▾ Job

anonymous ▾

# Welcome to Zeppelin!

Zeppelin is web-based notebook that enables interactive data analytics.  
You can make beautiful data-driven, interactive, collaborative document with SQL, code and even more!

## Notebook ↻

- Import note
- Create new note

- Zeppelin Tutorial


## Help


Get started with [Zeppelin documentation](#)


## Community

Please feel free to help us to improve Zeppelin,  
Any contribution are welcome!

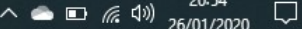
- Mailing list
- Issues tracking
- Github







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26/01/2020



PRUEBAPRACTICA - Zeppelin

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localhost:8080/#/notebook/2F2MPA5U4

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📱 Apps

📧 Gmail

🌐 Translate

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Zeppelin

Notebook ▾ Job

🔍 Search

🟢 anonymous ▾

PRUEBAPRACTICA

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```
import org.apache.spark.sql.Session

val lines = sc.textFile("AMIGOSCSV.csv")

val palabras = lines.flatMap(l=>l.split(" "))
    .map(w=>(w,1))
    .reduceByKey(_+_))

println(lines.count())
```

FINISHED ▶ ⌂ 📄 📁 ⬇

500

import org.apache.spark.sql.Session  
lines: org.apache.spark.rdd.RDD[String] = AMIGOSCSV.csv MapPartitionsRDD[6] at textFile at <console>:30  
palabras: org.apache.spark.rdd.RDD[(String, Int)] = ShuffledRDD[9] at reduceByKey at <console>:34

Took 1 sec. Last updated by anonymous at February 07 2020, 2:43:26 AM.

```
<console>:25: error: not found: type SparkConf
val conf = new SparkConf().setAppName("AppName").setMaster("local[*]").getOrCreate()
              ^

<console>:27: error: not found: type SparkContext
val sc = new SparkContext(conf)
              ^
```

ERROR ▶ ⌂ 📄 📁 ⬇

Took 0 sec. Last updated by anonymous at February 07 2020, 2:38:22 AM. (outdated)

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PRUEBAPRACTICA - Zeppelin

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localhost:8080/#/notebook/2F2MPA5U4


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 **Zeppelin**


Notebook ▾ Job

anonymous ▾

# PRUEBAPRACTICA



Head ▾



default ▾

```
import org.apache.spark.sql.Session // insertamos librerias necesarias

val lineas = sc.textFile("AMIGOSCSV.csv") // cargamos como un archivo de texto ("plano") el csv
val palabras = lineas.flatMap(l=>l.split(",")) //recorremos linea a linea, contando cada separación por ","
.map(w=>(w,1)) // introducimos un contador

println(palabras.count())
```

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```
2000
import org.apache.spark.sql.Session
lineas: org.apache.spark.rdd.RDD[String] = AMIGOSCSV.csv MapPartitionsRDD[75] at textFile at <console>:46
palabras: org.apache.spark.rdd.RDD[(String, Int)] = MapPartitionsRDD[77] at map at <console>:49


Took 1 sec. Last updated by anonymous at February 07 2020, 2:55:50 AM.
```


```
<console>:25: error: not found: type SparkConf
val conf = new SparkConf().setAppName("AppName").setMaster("local[*]").getOrCreate()
               ^
<console>:27: error: not found: type SparkContext
val sc = new SparkContext(conf)
               ^

Took 0 sec. Last updated by anonymous at February 07 2020, 2:38:22 AM. (outdated)
```

ERROR ▶ ⌘ 📄 ⚙

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