1. Descomprimir Solr después de descargarlo

2. Intentar iniciar Solr

3. Solr no iniciaba debido a problemas con JAVA

Aunque instalé JAVA, seguía mostrando el mismo error, así que intenté solucionar el problema de las siguientes maneras:

```
solr
⚙ ~/solr-6.6.1/bin/solr ▾

 96        . "$SOLR_INCLUDE"
 97      fi
 98
 99      if [ -z "$SOLR_PID_DIR" ]; then
100        SOLR_PID_DIR="$SOLR_TIP/bin"
101      fi
102
103      if [ -n "$SOLR_JAVA_HOME" ]; then
104        JAVA="$SOLR_JAVA_HOME/bin/java"
105      elif [ -n "$JAVA_HOME" ]; then
106        for java in "$JAVA_HOME"/bin/amd64/java "$JAVA_HOME"/bin/java; do
107          if [ -x "$java" ]; then
108            JAVA="$java"
109            break
110          fi
111        done
112        if [ -z "$JAVA" ]; then
113          echo >&2 "The currently defined JAVA_HOME ($JAVA_HOME) refers"
114          echo >&2 "to a location where Java could not be found.  Aborting."
115          echo >&2 "Either fix the JAVA_HOME variable or remove it from the"
116          echo >&2 "environment so that the system PATH will be searched."
117          exit 1
118        fi
119      else
120        JAVA=/opt/java/bin/java
121      fi
122
123      if [ -z "$SOLR_STOP_WAIT" ]; then
124        SOLR_STOP_WAIT=180
125      fi
126      # test that Java exists, is executable and correct version
127      JAVA_VER=$("$JAVA" -version 2>&1)
128      if [[ $? -ne 0 ]] ; then
129        echo >&2 "Java not found, or an error was encountered when running java."
130        echo >&2 "A working Java $JAVA_VER_REQ JRE is required to run Solr!"
131        echo >&2 "Please install latest version of Java $JAVA_VER_REQ or set JAVA_HOME properly."
132        echo >&2 "Command that we tried: '${JAVA} -version', with response:"
133        echo >&2 "${JAVA_VER}"
134        echo >&2
135        echo >&2 "Debug information:"
136        echo >&2 "JAVA_HOME: ${JAVA_HOME:-N/A}"
137        echo >&2 "Active Path:"
```

```
Vivianas-MacBook-Pro:solr-6.6.1 vivianamarquez$ mkdir /usr/local/jdk
Vivianas-MacBook-Pro:solr-6.6.1 vivianamarquez$ cp -R /usr/lib/jvm/java-1.8.0-openjdk-1.8.0.65-0.b17.el6_7.x86_64/jre/* /usr/local/jdk/
OLR URL SCHEME=https
```

```
vivianas-mbp:solr-6.6.1 vivianamarquez$ java -version
No Java runtime present, requesting install.
vivianas-mbp:solr-6.6.1 vivianamarquez$ $ which java
-bash: $: command not found
vivianas-mbp:solr-6.6.1 vivianamarquez$ which java
/usr/bin/java
vivianas-mbp:solr-6.6.1 vivianamarquez$ export JAVA_HOME=/usr/bin/java
vivianas-mbp:solr-6.6.1 vivianamarquez$ export PATH=$PATH:/usr/bin/java
vivianas-mbp:solr-6.6.1 vivianamarquez$ java -version
Unable to locate an executable at "/usr/bin/java/bin/java" (-1)
vivianas-mbp:solr-6.6.1 vivianamarquez$ ls
CHANGES.txt        LUCENE_CHANGES.txt    README.txt        contrib        docs        licenses
LICENSE.txt        NOTICE.txt            bin               dist           example     server
vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr start
The currently defined JAVA_HOME (/usr/bin/java) refers
to a location where Java could not be found.  Aborting.
Either fix the JAVA_HOME variable or remove it from the
environment so that the system PATH will be searched.
```
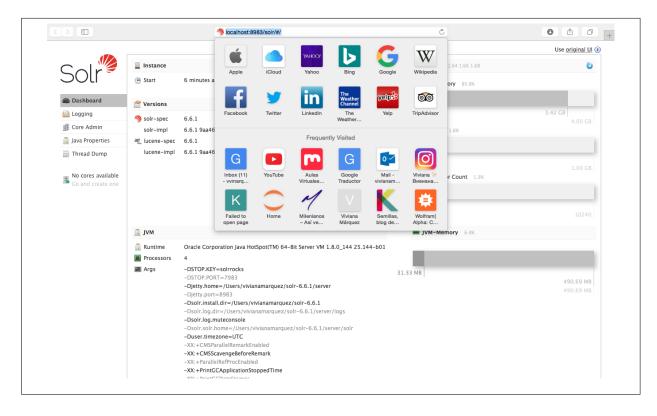
- Finalmente funcionó usando *brew*:

```
vivianas-mbp:solr-6.6.1 vivianamarquez$ brew cask install java
Error: Unknown command: cask
vivianas-mbp:solr-6.6.1 vivianamarquez$ brew update
^Cvivianas-mbp:solr-6.6.1 vivianamarquez$ cd $(brew --repo); git fetch; git reset --hard origin/master; brew update


remote: Counting objects: 90209, done.
remote: Compressing objects: 100% (22701/22701), done.
remote: Total 90209 (delta 65658), reused 89769 (delta 65263), pack-reused 0
Receiving objects: 100% (90209/90209), 20.21 MiB | 131.00 KiB/s, done.
Resolving deltas: 100% (65658/65658), completed with 300 local objects.
From https://github.com/Homebrew/brew
   0c6e307..c0063bb  master        -> origin/master
 * [new tag]         0.1           -> 0.1
 * [new tag]         0.2           -> 0.2
 * [new tag]         0.3           -> 0.3
 * [new tag]         0.4           -> 0.4
 * [new tag]         0.5           -> 0.5
 * [new tag]         0.6           -> 0.6
 * [new tag]         0.7           -> 0.7
 * [new tag]         0.7.1         -> 0.7.1
 * [new tag]         0.8           -> 0.8
 * [new tag]         0.8.1         -> 0.8.1
 * [new tag]         0.9           -> 0.9
 * [new tag]         0.9.1         -> 0.9.1
 * [new tag]         0.9.2         -> 0.9.2
 * [new tag]         0.9.3         -> 0.9.3
 * [new tag]         0.9.4         -> 0.9.4
 * [new tag]         0.9.5         -> 0.9.5
 * [new tag]         0.9.8         -> 0.9.8
 * [new tag]         0.9.9         -> 0.9.9
 * [new tag]         1.0.0         -> 1.0.0
 * [new tag]         1.0.1         -> 1.0.1
 * [new tag]         1.0.2         -> 1.0.2
 * [new tag]         1.0.3         -> 1.0.3
```

```
                                          Default
 * [new tag]         1.1.3         -> 1.1.3
 * [new tag]         1.1.4         -> 1.1.4
 * [new tag]         1.1.5         -> 1.1.5
 * [new tag]         1.1.6         -> 1.1.6
 * [new tag]         1.1.7         -> 1.1.7
 * [new tag]         1.1.8         -> 1.1.8
 * [new tag]         1.1.9         -> 1.1.9
 * [new tag]         1.2.0         -> 1.2.0
 * [new tag]         1.2.1         -> 1.2.1
 * [new tag]         1.2.2         -> 1.2.2
 * [new tag]         1.2.3         -> 1.2.3
 * [new tag]         1.2.4         -> 1.2.4
 * [new tag]         1.2.5         -> 1.2.5
 * [new tag]         1.2.6         -> 1.2.6
 * [new tag]         1.3.0         -> 1.3.0
 * [new tag]         1.3.1         -> 1.3.1
 * [new tag]         1.3.2         -> 1.3.2
HEAD is now at c0063bb Merge pull request #3156 from MikeMcQuaid/allow-developer-custom-ruby
^Cvivianas-mbp:local vivianamarquezbrew cask install java
==> Creating Caskroom at /usr/local/Caskroom
==> Caveats
This Cask makes minor modifications to the JRE to prevent issues with
packaged applications, as discussed here:

  https://bugs.eclipse.org/bugs/show_bug.cgi?id=411361

If your Java application still asks for JRE installation, you might need
to reboot or logout/login.

Installing this Cask means you have AGREED to the Oracle Binary Code
License Agreement for Java SE at

  https://www.oracle.com/technetwork/java/javase/terms/license/index.html

==> Satisfying dependencies
==> Downloading http://download.oracle.com/otn-pub/java/jdk/8u144-b01/090f390dda5b47b9b721c7dfaa008135/jdk-8u144-macosx-x64.dmg
#                                                                     1.7%
```

```
 ● ● ●                                    Default
      Default              Default
 * [new tag]       1.3.0      -> 1.3.0
 * [new tag]       1.3.1      -> 1.3.1
 * [new tag]       1.3.2      -> 1.3.2
 HEAD is now at c0063bb Merge pull request #3156 from MikeMcQuaid/allow-developer-custom-ruby
 ^Cvivianas-mbp:local vivianamarquezbrew cask install java
 ==> Creating Caskroom at /usr/local/Caskroom
 ==> Caveats
 This Cask makes minor modifications to the JRE to prevent issues with
 packaged applications, as discussed here:

   https://bugs.eclipse.org/bugs/show_bug.cgi?id=411361

 If your Java application still asks for JRE installation, you might need
 to reboot or logout/login.

 Installing this Cask means you have AGREED to the Oracle Binary Code
 License Agreement for Java SE at

   https://www.oracle.com/technetwork/java/javase/terms/license/index.html

 ==> Satisfying dependencies
 ==> Downloading http://download.oracle.com/otn-pub/java/jdk/8u144-b01/090f390dda5b47b9b721c7dfaa008135/jdk-8u144-macosx-x64.dm
 ################################################################ 100.0%
 ==> Verifying checksum for Cask java
 ==> Installing Cask java
 ==> Running installer for java; your password may be necessary.
 ==> Package installers may write to any location; options such as --appdir are ignored.
 Password:
 ==> installer: Package name is JDK 8 Update 144
 ==> installer: Upgrading at base path /
 ==> installer: The upgrade was successful.
 🔧 java was successfully installed!
```
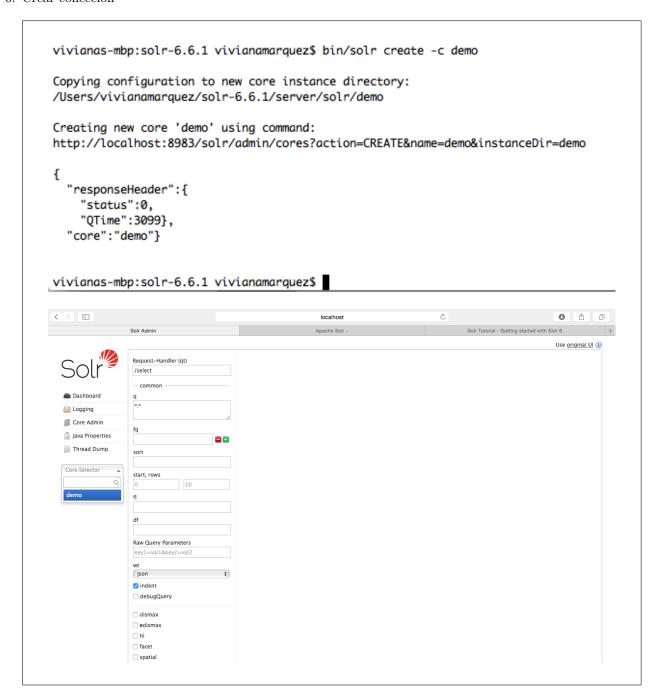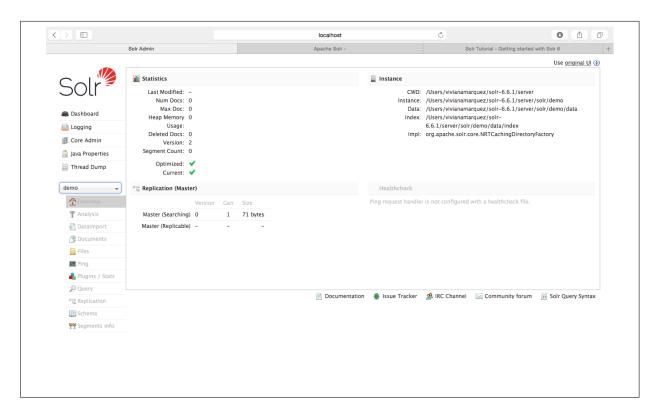
4. Solr is running!

```
vivianas-mbp:~ vivianamarquez$ cd solr-6.6.1
vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr start
Waiting up to 180 seconds to see Solr running on port 8983 [\]
Started Solr server on port 8983 (pid=3327). Happy searching!

vivianas-mbp:solr-6.6.1 vivianamarquez$  bin/solr status

Found 1 Solr nodes:

Solr process 3327 running on port 8983
{
  "solr_home":"/Users/vivianamarquez/solr-6.6.1/server/solr",
  "version":"6.6.1 9aa465a89b64ff2dabe7b4d50c472de32c298683 - varunthacker - 2017-08-29 22:00:32",
  "startTime":"2017-09-16T12:21:22.625Z",
  "uptime":"0 days, 0 hours, 5 minutes, 45 seconds",
  "memory":"49.3 MB (%10) of 490.7 MB"}

vivianas-mbp:solr-6.6.1 vivianamarquez$ █
```

5. Intentar indexar archivos de ejemplo

6. Crear collección

```
vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr create -c demo

Copying configuration to new core instance directory:
/Users/vivianamarquez/solr-6.6.1/server/solr/demo

Creating new core 'demo' using command:
http://localhost:8983/solr/admin/cores?action=CREATE&name=demo&instanceDir=demo

{
  "responseHeader":{
    "status":0,
    "QTime":3099},
  "core":"demo"}


vivianas-mbp:solr-6.6.1 vivianamarquez$ ▮
```
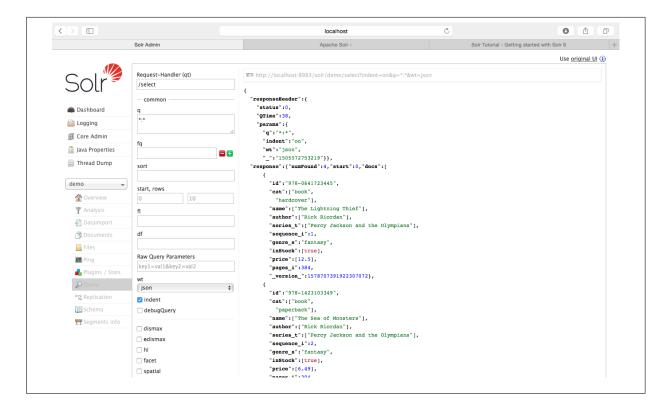
7. Indexar archivos de ejemplo

8. Cómo borrar una colección, reiniciar y parar Solr

```
vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr create -c demo2

Copying configuration to new core instance directory:
/Users/vivianamarquez/solr-6.6.1/server/solr/demo2

Creating new core 'demo2' using command:
http://localhost:8983/solr/admin/cores?action=CREATE&name=demo2&instanceDir=demo2

{
  "responseHeader":{
    "status":0,
    "QTime":1106},
  "core":"demo2"}


vivianas-mbp:solr-6.6.1 vivianamarquez$

vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr delete -c demo2

Deleting core 'demo2' using command:
http://localhost:8983/solr/admin/cores?action=UNLOAD&core=demo2&deleteIndex=true&deleteDataDir=true&deleteInstanceDir=true

{"responseHeader":{
    "status":0,
    "QTime":83}}


vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr restart
Sending stop command to Solr running on port 8983 ... waiting up to 180 seconds to allow Jetty process 5020 to stop gracefully.
Waiting up to 180 seconds to see Solr running on port 8983 [\]
Started Solr server on port 8983 (pid=5570). Happy searching!

vivianas-mbp:solr-6.6.1 vivianamarquez$

vivianas-mbp:solr-6.6.1 vivianamarquez$ bin/solr stop
Sending stop command to Solr running on port 8983 ... waiting up to 180 seconds to allow Jetty process 5570 to stop gracefully.
```