**Hadoop :**

**Installation** :

|  |
| --- |
| export JAVA\_HOME=$(readlink -f $(which javac) | awk 'BEGIN {FS="/bin"} {print $1}') export PATH=$(echo $PATH):$(pwd)/bin export CLASSPATH=$(hadoop classpath) |

**Spark:**

**Installation :**

|  |
| --- |
| export JAVA\_HOME=$(readlink -f $(which javac) | awk 'BEGIN {FS="/bin"} {print $1}') if ! command -v spark-shell --version &> /dev/null then  export PATH=$(echo $PATH):$(pwd)/bin fi |

**Pig :**

**Installation :**

|  |
| --- |
| export JAVA\_HOME=$(readlink -f $(which javac) | awk 'BEGIN {FS="/bin"} {print $1}') if ! command -v pig &> /dev/null then export PATH=$(echo $PATH):$(pwd)/bin fi |