**Aquery- Getting Started**

Download q from this website : <https://kx.com/download/>

Select your OS and fill in other details.

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Untar /Unzip the downloaded file.

Add the installation path of q to your bash profile.

You may use the following steps to edit profile.bash on mac:

ls -la

vi ~/.bash\_profile

// add the following line

/Users/username/foldername/q/m32/q

// to exit

Esc+; wq

Check if the path has been added successfully by calling :

which q

This should echo the path.

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Type q in your home directory to start q, you should see:

Welcome to kdb+ 32bit edition msg.

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Now, to use aquery, we fist need to download sbt (scala build tool).

Download sbt from <https://www.scala-sbt.org/>

Untar/ Unzip it

You also need to have java in the system.

Add path of sbt & java to the existing q path as follows:

PATH=$PATH:/home/sbt bin installation path

PATH=$PATH:/home/java\_home bin installation path

Check the path with which sbt and type sbt in home directory to launch scala build tool (just to make sure it all has installed correctly).

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Next step is to clone the github repository for aquery:

git clone [https://github.com/josepablocam/aquery.git](https://urldefense.proofpoint.com/v2/url?u=https-3A__github.com_josepablocam_aquery.git&d=DwMFaQ&c=slrrB7dE8n7gBJbeO0g-IQ&r=AxBGRXeEM00a_QlpRBNC4w&m=b402-48fBx4Cd40D8BL46KjaIz_lcZ4REPaBmFs6oyc&s=AnlNCKOb2b_6RJBY1ZZqVW13jAYcTiIYfw8xH6P6TSw&e=)

Download the aquery’s jar from:

<https://drive.google.com/file/d/0B9IR8VjNetPYbWRIX0x2SEdoUGc/view>

Keep aquery & q in the same directory for simplicity, run the following command.

Java – jar aquery.jar -h

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Run the following commands for executing the q files.

q -q inputfile.q

wrap the call to java and add it to your path

./a2q

java -jar target/scala-2.11/aquery.jar

run

./a2q filename.q -q

File extension is not strict you can also check by using:

./a2q Test.txt -q

Or

./q/m32/q Test.q -q;

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./a2q -a 1 -s -c -o Outputfile.txt Inuputfile.txt

This will convert the aquery code to q, which executes on kdb.

You can further test your aquery code by putting it into input file and using q commands.