

**UNIVERSIDAD MAYOR REAL Y
PONTIFICIA DE
SAN FRANCISCO XAVIER DE
CHUQUISACA
FACULTAD DE TECNOLOGÍA**



Laboratorio 10
Aplicación JMeter

Nombre: Alarcon Reynaga Weimar

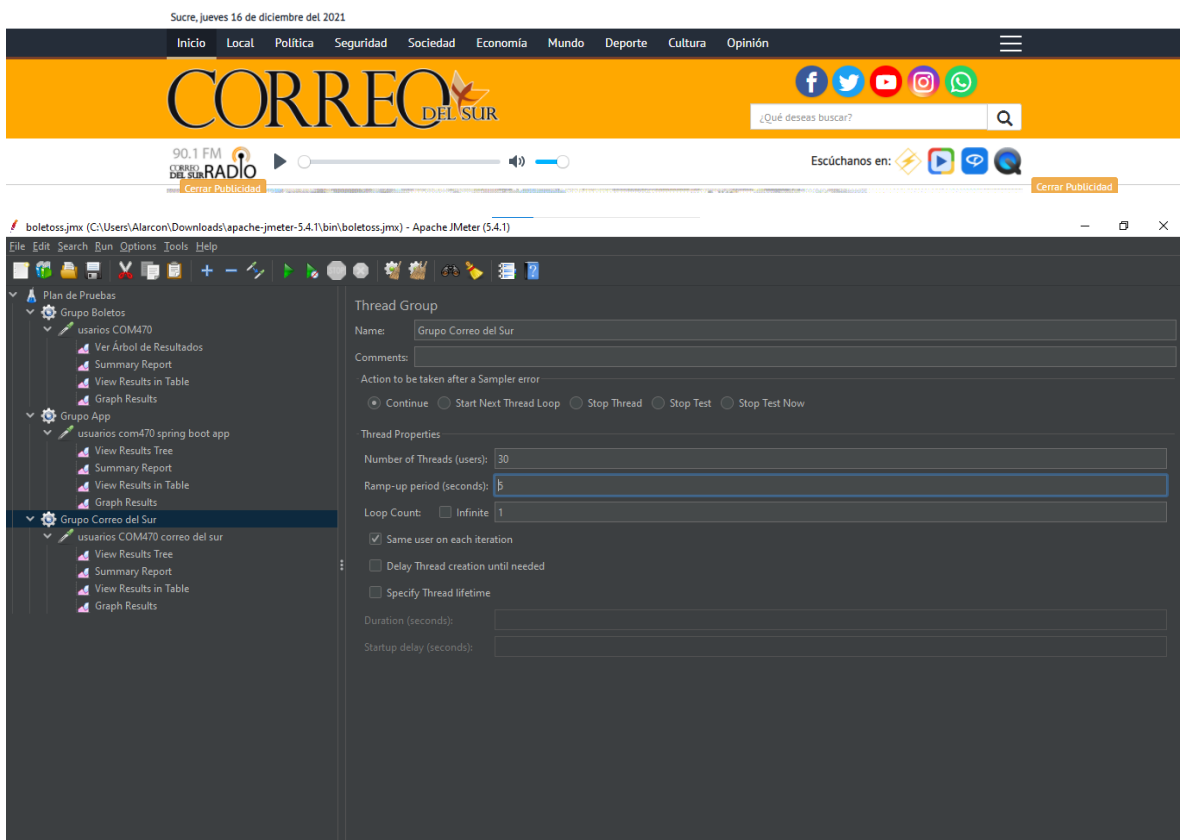
Carrera: Ing. en Ciencias de la Computación

C.U: 111-131

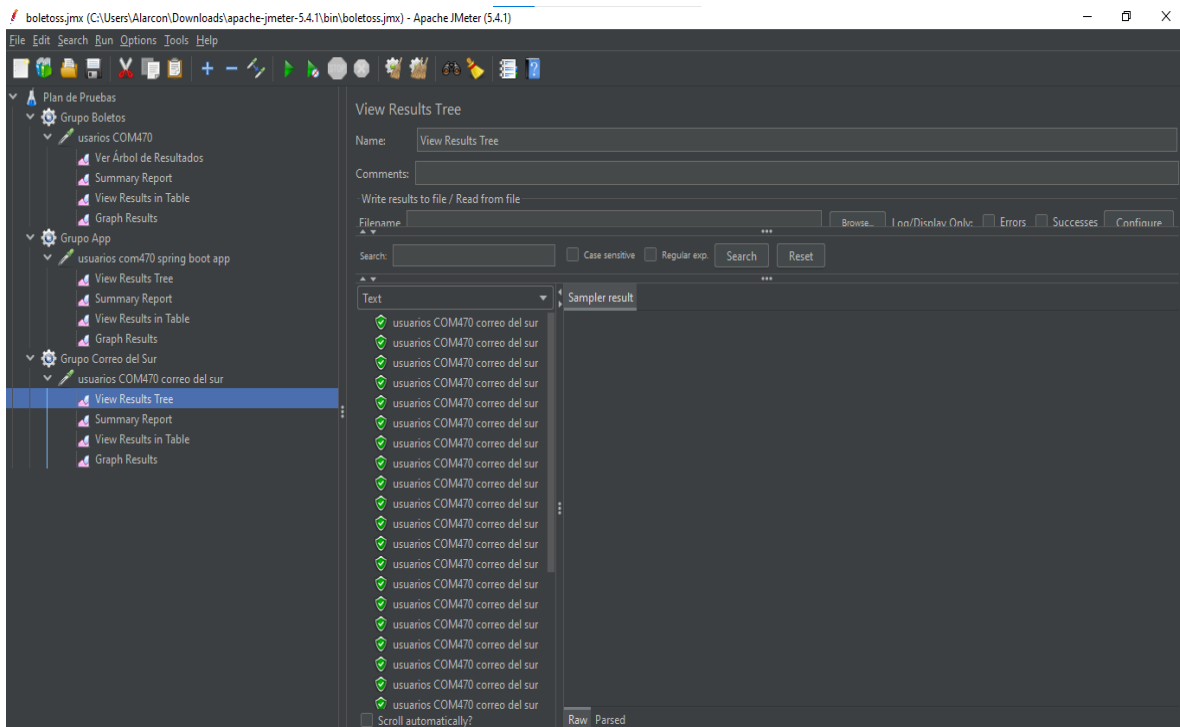
Materia: Prueba y Mantenimiento de Software

Sigla: COM 470

1. <https://correodelsur.com/>



View results tree



Summary report

boletoss.jmx (C:\Users\Alarcon\Downloads\apache-jmeter-5.4.1\bin\boletoss.jmx) - Apache JMeter (5.4.1)

File Edit Search Run Options Tools Help

Plan de Pruebas

- Grupo Boletos
 - usuarios COM470
 - Ver Árbol de Resultados
 - Summary Report
 - View Results in Table
 - Graph Results
- Grupo App
 - usuarios com470 spring boot app
 - View Results Tree
 - Summary Report
 - View Results in Table
 - Graph Results
- Grupo Correo del Sur
 - usuarios COM470 correo del sur
 - View Results Tree
 - Summary Report
 - View Results in Table
 - Graph Results

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
usuarios CO...	30	2615	1941	4108	681,89	0,00%	4,4/sec	852,03	0,52	198720,5
TOTAL	30	2615	1941	4108	681,89	0,00%	4,4/sec	852,03	0,52	198720,5

☐ Include group name in label? ☒ Save Table Header

View results in table

boletoss.jmx (C:\Users\Alarcon\Downloads\apache-jmeter-5.4.1\bin\boletoss.jmx) - Apache JMeter (5.4.1)

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View Results in Table

Name: View Results in Table

Comments:

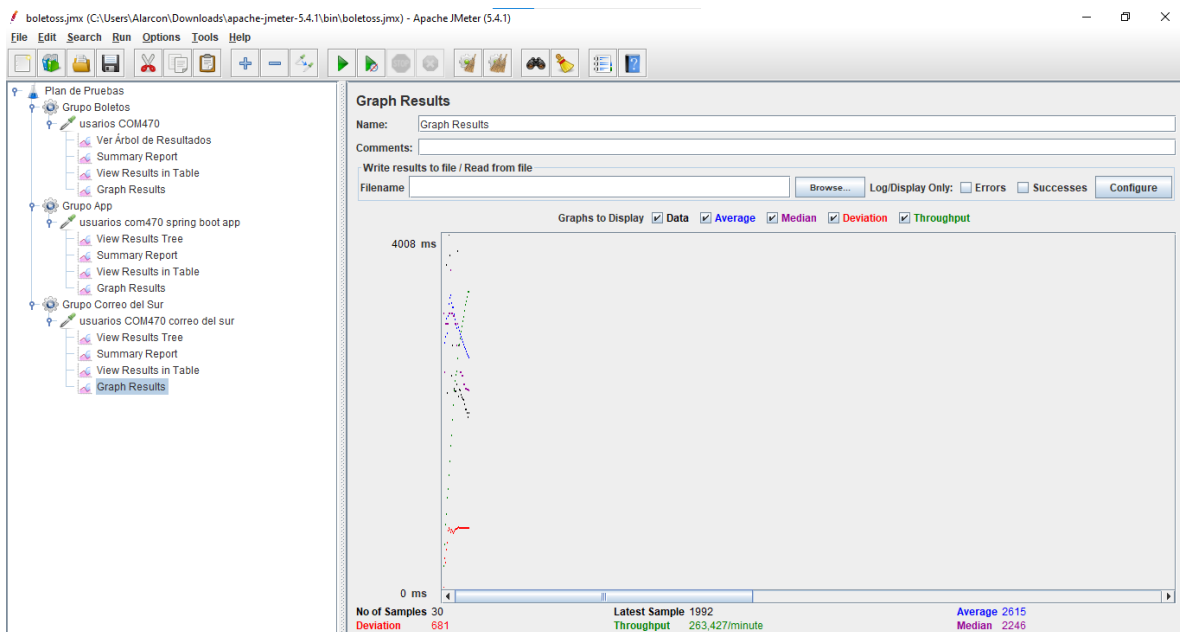
Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes

Sample #	Start Time	Thread Name	Label	Sample Time(...)	Status	Bytes	Sent Bytes	Latency	Connect Time...
1	00:53:44.562	Grupo Correo ...	usuarios COM...	3118	✓	198721	121	1697	1389
2	00:53:45.233	Grupo Correo ...	usuarios COM...	2448	✓	198721	121	1008	717
3	00:53:44.730	Grupo Correo ...	usuarios COM...	2998	✓	198714	121	1548	1223
4	00:53:44.063	Grupo Correo ...	usuarios COM...	3669	✓	198721	121	2194	1888
5	00:53:45.567	Grupo Correo ...	usuarios COM...	2216	✓	198721	121	767	505
6	00:53:43.731	Grupo Correo ...	usuarios COM...	4108	✓	198721	121	2517	2219
7	00:53:43.896	Grupo Correo ...	usuarios COM...	4008	✓	198721	121	2385	2058
8	00:53:44.231	Grupo Correo ...	usuarios COM...	3774	✓	198721	121	2059	1722
9	00:53:44.397	Grupo Correo ...	usuarios COM...	3614	✓	198721	121	1894	1556
10	00:53:45.738	Grupo Correo ...	usuarios COM...	2410	✓	198728	121	835	546
11	00:53:45.400	Grupo Correo ...	usuarios COM...	2752	✓	198714	121	1153	551
12	00:53:45.065	Grupo Correo ...	usuarios COM...	3090	✓	198714	121	1221	888
13	00:53:45.900	Grupo Correo ...	usuarios COM...	2265	✓	198721	121	823	520
14	00:53:46.066	Grupo Correo ...	usuarios COM...	2232	✓	198721	121	675	394
15	00:53:46.238	Grupo Correo ...	usuarios COM...	2235	✓	198721	121	806	482
16	00:53:46.402	Grupo Correo ...	usuarios COM...	2316	✓	198721	121	804	494
17	00:53:44.897	Grupo Correo ...	usuarios COM...	3824	✓	198721	121	1663	1055
18	00:53:46.567	Grupo Correo ...	usuarios COM...	2180	✓	198721	121	783	483
19	00:53:46.735	Grupo Correo ...	usuarios COM...	2256	✓	198721	121	773	485
20	00:53:46.901	Grupo Correo ...	usuarios COM...	2246	✓	198714	121	778	461

☐ Scroll automatically? ☐ Child samples? No of Samples 30 Latest Sample 1992 Average 2615 Deviation 681

Graph Results



2. api. spring-boot-jpa (lo tienen descargado de github, y debe correr en localhost)

spring-boot-data-jpa - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+F)

Projects: Files Services

com.bolsadeideas.springboot.app.uti...
src/main/resources
default package
application.properties
import.sql
messages.properties
static.css
static.images
static.js
templates
templates.layout
Dependencies
Runtime Dependencies
Test Dependencies

Model Version: 4.0.0
GroupId: com.bolsadeideas.springboot.da
ArtifactId: spring-boot-data-jpa
Packaging: jar
Name: spring-boot-data-jpa
Version: 0.0.1-SNAPSHOT
Description: Demo project for Spring Boot
Url: http://projects.spring.io/spring-boot/
Developers
Licenses
Scm
Organization

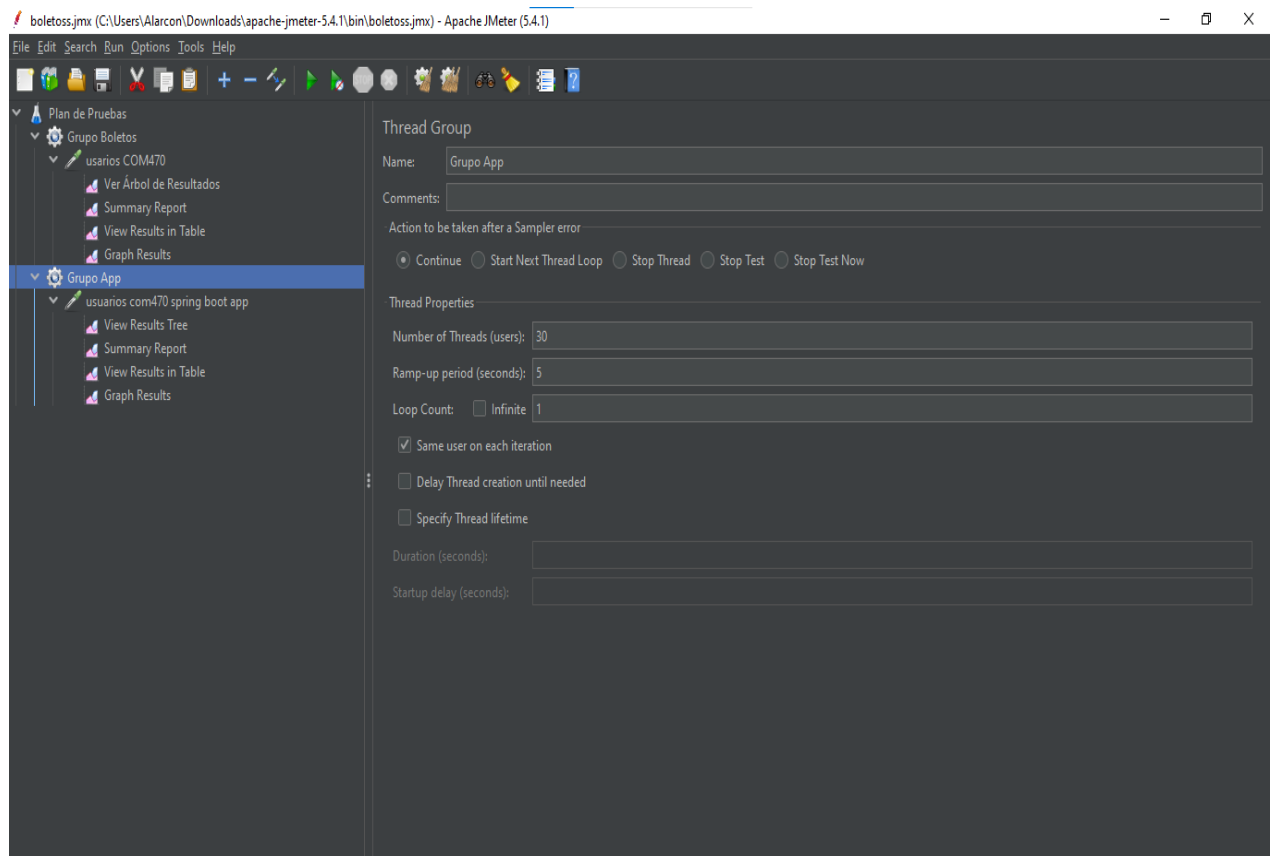
Source

```
1 server.port=5050
2 spring.datasource.url=jdbc:mysql://localhost/db_springboot?useSSL=false
3 spring.datasource.username=root
4 spring.datasource.password=
5 spring.datasource.driver-class-name=com.mysql.jdbc.Driver
6 spring.jpa.database-platform=org.hibernate.dialect.MySQLDialect
7 spring.jpa.hibernate.ddl-auto= update
8 logging.level.org.hibernate.SQL=debug
9
10 spring.http.multipart.max-file-size=10MB
11 spring.http.multipart.max-request-size=10MB
```

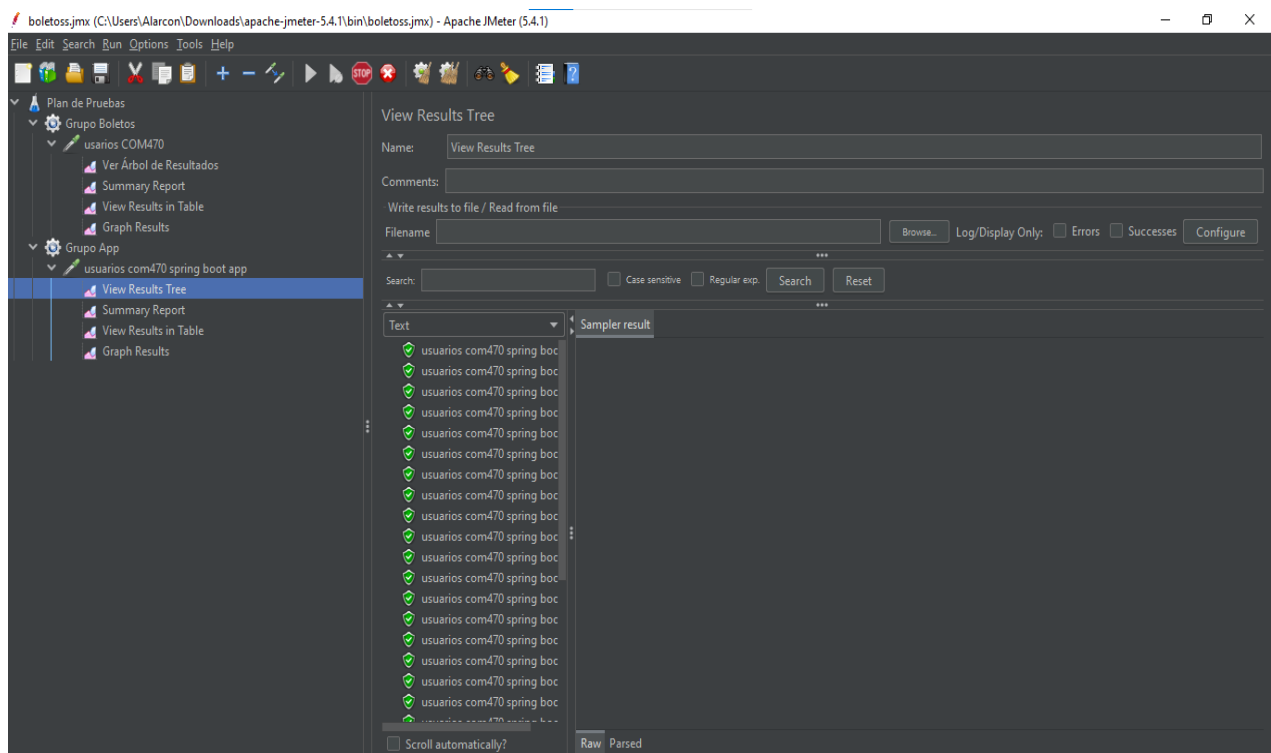
Output - Run (spring-boot-data-jpa) x Test Results

```
2021-12-16 00:43:43.293 INFO 14040 --- [ restartedMain] o.s.b.d.a.OptionalMavenResourceServer : MavenResourceServer is running on port 5050
2021-12-16 00:43:44.225 INFO 14040 --- [ restartedMain] o.s.j.e.a.AnnotationBeanExporter : Registering beans for JMX exposure on sta
2021-12-16 00:43:44.499 INFO 14040 --- [ restartedMain] s.b.c.e.t.TomcatEmbeddedServletContainer : Tomcat started on port(s): 5050 (http)
2021-12-16 00:43:44.526 INFO 14040 --- [ restartedMain] c.b.s.app.SpringBootDataJpaApplication : Started SpringBootDataJpaApplication in 1
2021-12-16 00:44:14.652 INFO 14040 --- [nio-5050-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring FrameworkServlet 'dis
2021-12-16 00:44:14.653 INFO 14040 --- [nio-5050-exec-1] o.s.web.servlet.DispatcherServlet : FrameworkServlet 'dispatcherServlet': ini
2021-12-16 00:44:14.691 INFO 14040 --- [nio-5050-exec-1] o.s.web.servlet.DispatcherServlet : FrameworkServlet 'dispatcherServlet': ini
2021-12-16 00:44:14.893 INFO 14040 --- [nio-5050-exec-1] o.h.h.i.QueryTranslatorFactoryInitiator : HHB000397: Using ASTQueryTranslatorFactor
2021-12-16 00:44:15.153 DEBUG 14040 --- [nio-5050-exec-1] org.hibernate.SQL : select cliente0_id as id1_0_, cliente0_
2021-12-16 00:44:15.227 DEBUG 14040 --- [nio-5050-exec-1] org.hibernate.SQL : select count(cliente0_id) as col_0_0_fr
```

Run (spring-boot-data-jpa) 1:1 DNS



View results tree



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Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/...	Sent KB/sec	Avg. Bytes
usuarios co...	30	201	67	401	91,31	0,00%	6,1/sec	35,82	0,74	6011,0
TOTAL	30	201	67	401	91,31	0,00%	6,1/sec	35,82	0,74	6011,0

View results in table

boletoss.jmx (C:\Users\Alarcon\Downloads\apache-jmeter-5.4.1\bin\boletoss.jmx) - Apache JMeter (5.4.1)

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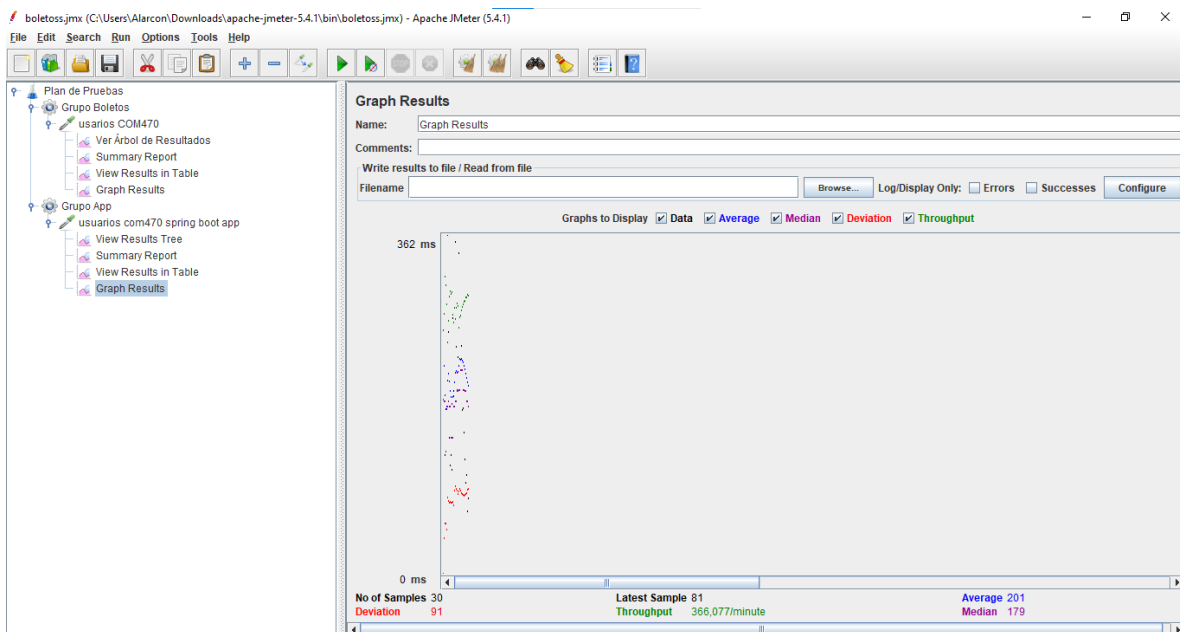
Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes

Sample #	Start Time	Thread Name	Label	Sample Time(...)	Status	Bytes	Sent Bytes	Latency	Connect Time...
1	00:49:53.276	Grupo App 2-1	usuarios com...	261	✓	6011	125	259	1
2	00:49:53.441	Grupo App 2-2	usuarios com...	185	✓	6011	125	183	2
3	00:49:53.609	Grupo App 2-3	usuarios com...	127	✓	6011	125	125	1
4	00:49:53.776	Grupo App 2-4	usuarios com...	131	✓	6011	125	130	1
5	00:49:53.943	Grupo App 2-5	usuarios com...	179	✓	6011	125	178	1
6	00:49:54.094	Grupo App 2-6	usuarios com...	362	✓	6011	125	348	1
7	00:49:54.277	Grupo App 2-7	usuarios com...	259	✓	6011	125	256	2
8	00:49:54.444	Grupo App 2-8	usuarios com...	146	✓	6011	125	145	1
9	00:49:54.611	Grupo App 2-9	usuarios com...	116	✓	6011	125	115	2
10	00:49:54.778	Grupo App 2-10	usuarios com...	127	✓	6011	125	125	0
11	00:49:54.944	Grupo App 2-11	usuarios com...	112	✓	6011	125	111	1
12	00:49:55.113	Grupo App 2-12	usuarios com...	274	✓	6011	125	273	1
13	00:49:55.439	Grupo App 2-14	usuarios com...	196	✓	6011	125	194	1
14	00:49:55.272	Grupo App 2-13	usuarios com...	401	✓	6011	125	399	1
15	00:49:55.605	Grupo App 2-15	usuarios com...	355	✓	6011	125	326	1
16	00:49:55.772	Grupo App 2-16	usuarios com...	243	✓	6011	125	241	1
17	00:49:55.943	Grupo App 2-17	usuarios com...	197	✓	6011	125	196	2
18	00:49:56.108	Grupo App 2-18	usuarios com...	232	✓	6011	125	227	1
19	00:49:56.453	Grupo App 2-19	usuarios com...	343	✓	6011	125	342	1
20	00:49:56.458	Grupo App 2-20	usuarios com...	364	✓	6011	125	362	1

☐ Scroll automatically? ☐ Child samples? No of Samples: 30 Latest Sample: 81 Average: 201 Deviation: 91

Graph Results

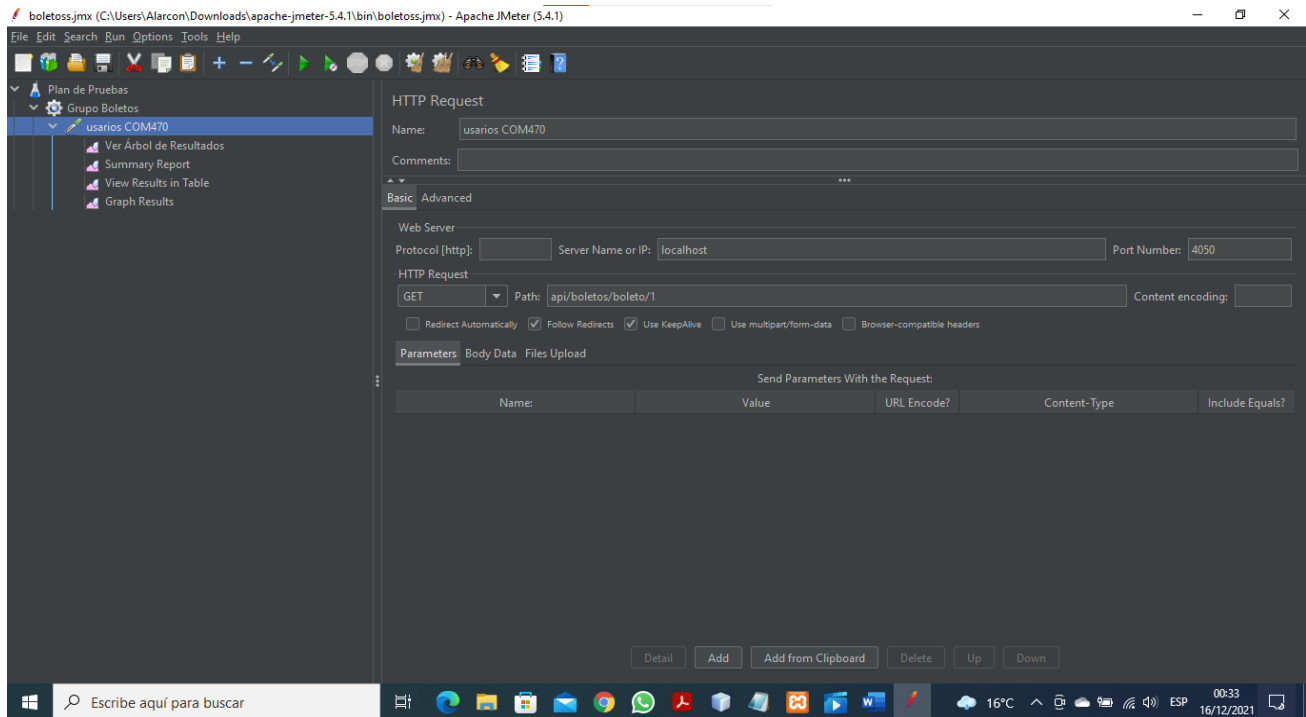


3. api boletoto.app (lo tienen descargo de github, y debe correr en localhost)

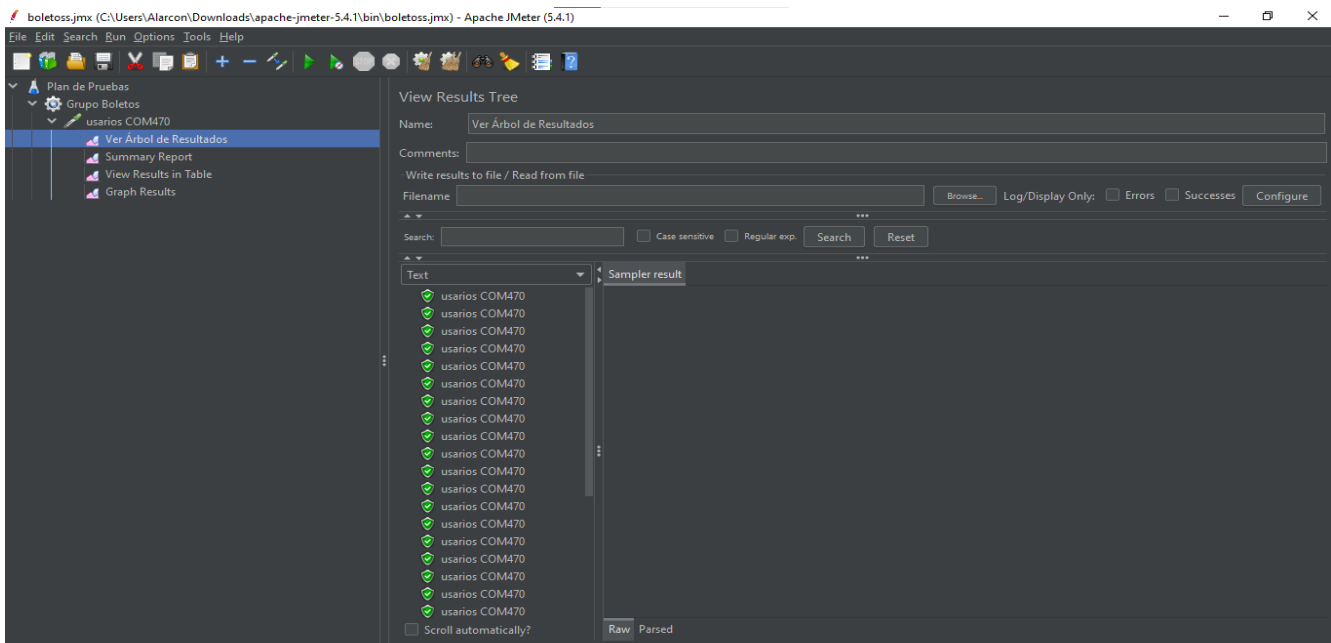
The screenshot shows the NetBeans IDE 8.2 interface. The 'boleto.app' project is open, and the 'Source' tab displays the 'server.port=4050' configuration. The 'Output - Run (boleto.app)' tab shows the application's startup logs, including the Tomcat server starting on port 4050 and the application starting in 6.388 seconds.

```
2021-12-16 00:02:06.806 INFO 29756 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped URL path [/error] produces [text/html]
2021-12-16 00:02:06.843 INFO 29756 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/webjars/**] onto handler of type [org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter]
2021-12-16 00:02:06.908 INFO 29756 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/**/*<img alt="NetBeans IDE 8.2 showing the 'boleto.app' project. The 'Source' tab displays the 'server.port=4050' configuration. The 'Output - Run (boleto.app)' tab shows the application's startup logs, including the Tomcat server starting on port 4050 and the application starting in 6.388 seconds." data-bbox="89 452 895 767"/>

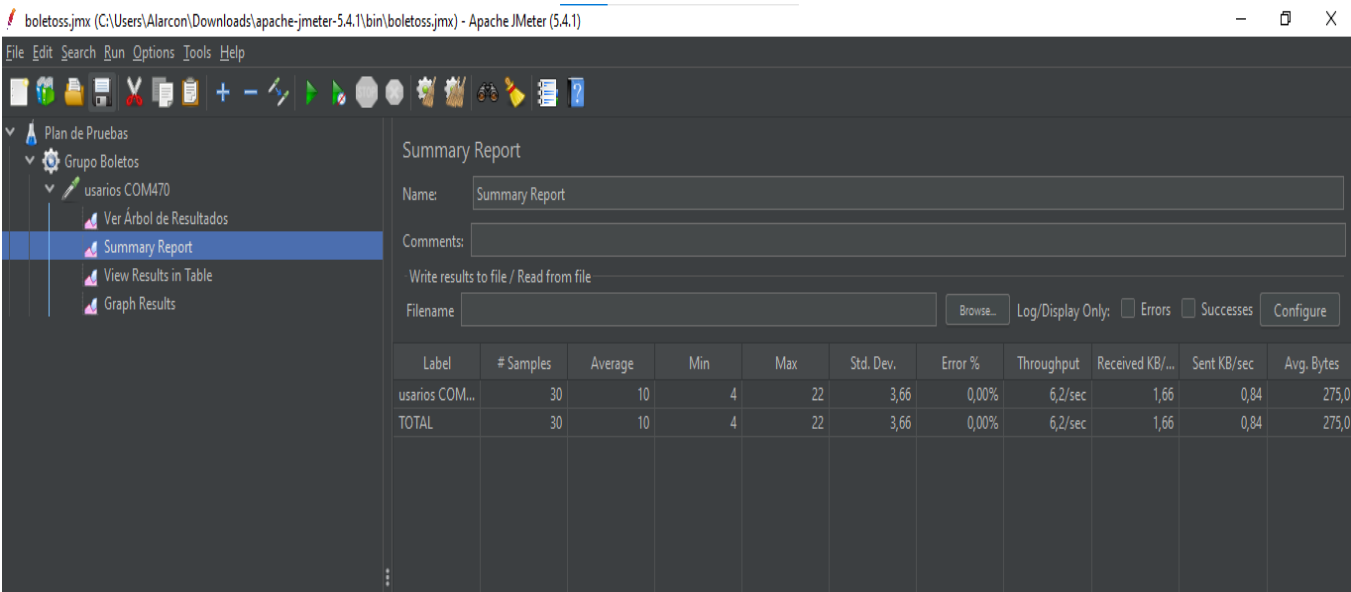
```



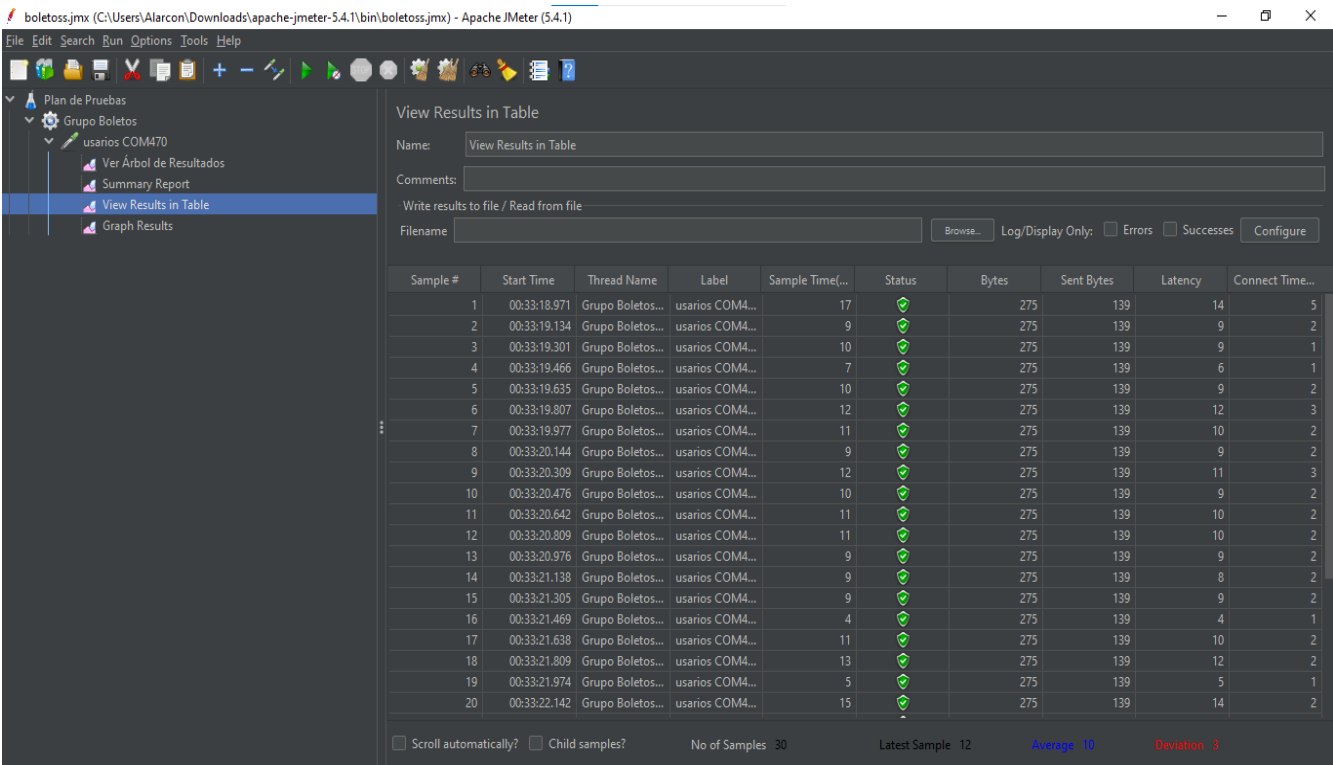
View results tree



Summary report



View results in table



Graph Results

