

User Guide

Baile V&V Prototype

Felipe M. Besson
Pedro M. B. Leal

¹Department of Computer Science
Institute of Mathematics and Statistics
University of São Paulo (USP)

`{besson, pedrombl}@ime.usp.br`

1. Prerequisites

The following software elements must be installed and working:

- Java 6 [2]
- SQLite 3 [3]
- Ant [1]

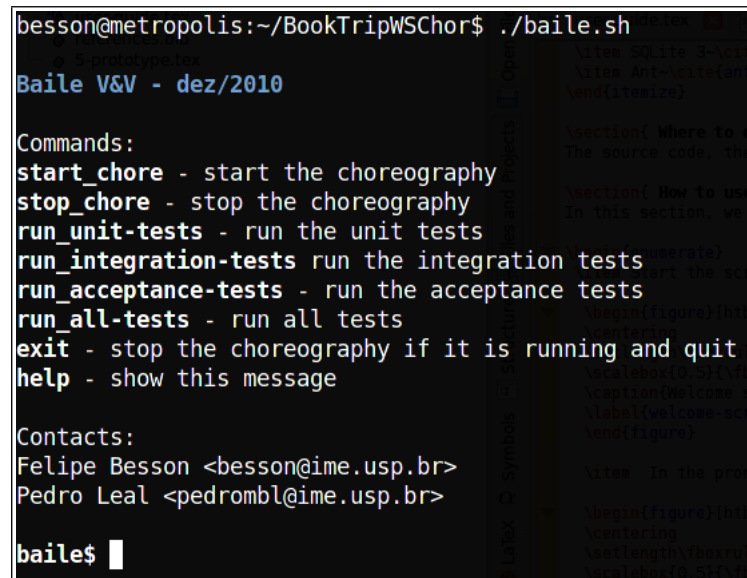
2. Where to download ?

The source code, the scripts and its dependencies are available on:

3. How to use ?

In this section, we detailed the main steps to interact with the application.

1. Start the script **baile.sh**, and then, the application will start:



```
besson@metropolis:~/BookTripWSChor$ ./baile.sh
Baile V&V - dez/2010

Commands:
start_chore - start the choreography
stop_chore - stop the choreography
run_unit-tests - run the unit tests
run_integration-tests - run the integration tests
run_acceptance-tests - run the acceptance tests
run_all-tests - run all tests
exit - stop the choreography if it is running and quit
help - show this message

Contacts:
Felipe Besson <besson@ime.usp.br>
Pedro Leal <pedrombl@ime.usp.br>

baile$
```

Figure 1. Welcome screen

2. In the prompt, start the coreography by typing **start_chore** (as showed in Figure 2)
3. Once all components of choreography (services, roles, OpenKnowledge entitites) have been started successfully (as showed in Figure 2), the tests can be execute. The following commands are valid:

| Command | Description |
|-----------------------|---------------------------|
| run_unit-tests | run the unit tests |
| run_integration-tests | run the integration tests |
| run_acceptance-tests | run the acceptance tests |
| run_all-tests | run all tests |

```
baile$ start_chore
Determining localhost's IP... 192.168.1.100
Stopping currently running instances... Done
Compiling components... Done
Publishing the web services... Done
Starting message trace queue... Done
Launching the Discovery Service... Done
Publishing the Interaction Model... Done
Launching the traveler... Done
Launching the travel agency... Done
Launching the airLine... Done
Launching the acquirer... Done
Setting up roles... Done
Choreography started.

baile$
```

Figure 2. Starting the choreography

4. How to add more test cases ?

5. Project organization

6. Known Issues

7. Acknowledgements

This research received funding from HP Brasil under the Baile Project.

8. Appendices

References

- [1] Apache Ant. Java library and command-line for automated building. Available on: <http://ant.apache.org/>, 2010.
- [2] Oracle. Java se downloads. Available on: <http://www.oracle.com/technetwork/java/javase>, 2010.
- [3] SQLite. Sql database engine. Available on: <http://www.sqlite.org>, 2010.