

EECS 4313: Assignment 1

Due date: Monday, 1 February 16

Team Members

- Siraj Rauff (212592192)
- Skyler Layne (212166906)

Bug Report 1

Title: ICS Import Duplicates Modified Events in Repeating Series' Reported by: Siraj Rauff

Date Reported: January 26, 2016

Program name: BORG Calendar

Configuration: OS X 10.11.3, Java version 1.8.0_71, Runtime build 1.8.0_71-b15

Report type: Bug

Reproducibility: Yes – consistently.

Priority: Moderate

Problem Summary:

After importing a calendar from Google Calendar using .ics format, any events that were part of a series and later modified (start/end time) appeared twice in BORG. Creating the calendar in iCloud caused the same problem.

Problem Description:

BORG treats modified events in a repeating series as new events (not part of the series).

Steps to Reproduce:

1. Create a calendar with a single event (Google Calendar, iCloud, Outlook, etc.)
2. Set event to repeat once (should still appear as one event)
3. Change the end time of the event
4. Export as .ICS
5. Import into BORG Calendar using Import option Menu option Ical > ICS
6. Event appears twice

New or old bug: New

Bug Report 2

Title: Repeating Events Cannot be Edited Atomically Reported by: Siraj Rauff

Date Reported: January 26, 2016

Program name: BORG Calendar

Configuration: OS X 10.11.3, Java version 1.8.0_71, Runtime build 1.8.0_71-b15

Report type: Bug

Reproducibility: Yes – consistently.

Priority: Minor

Problem Summary:

After creating or importing a calendar with repeated events, it is not possible to modify a single repeated event. This does not allow me to move my work schedule for one day while keeping it a part of the work series (so I can use programs to analyze it later).

Problem Description:

BORG treats recurring events as groups, not allowing for the modification of an event atomically if its part of a series. Changing one will change all the events. This is not consistent behavior as other calendar systems allow for a single event to be modified but still considered part of a series so it can be deleted/edited as part of the series.

Steps to Reproduce:

1. Create a recurring event with at least two occurrences.
2. Modify one occurrence.
3. Both occurrences will be modified.

New or old bug: New

Bug Report 3

Title: Does Not Flag user when Database Port is in use

Reported by: Skyler Layne

Date Reported: January 24, 2016

Program name: BORG Calendar

Configuration: OS X 10.11.3, Java version 1.8.0_60, Runtime build 1.8.0_60-b27

Report type: Bug

Reproducibility: Yes.

Priority: Minor

Problem Summary:

When running something that uses the same port as that which is specified in the database configuration, no warning or error is provided.

Problem Description:

When spawning a program to listen on the same port as the database connection that BORG uses. BORG acts as though it does not need to use the port which is specified, closes the connection with the database server and continues to open the GUI. This has many potential problems such as man in the middle attacks, where a user can inject themselves and listen to anything which is happening to the database. Often this can be used during testing to mock database data however, should be left out of production especially for a program with security claims.

BORG Debug output:

```
Jan 25, 2016 3:33:42 PM net.sf.borg.control.Borg init
```

```
FINE: Debug logging turned on
```

```
Jan 25, 2016 3:33:42 PM net.sf.borg.common.SocketClient sendMsg
```

```
INFO: Connection closed by server.
```

Steps to Reproduce:

1. Open BORG, specify a database port.
2. Start a service on the port.
3. Relaunch BORG.

New or old bug: New