

# TimeMe

A task tracking utility

By 0x00000000A

# Usability & Functionality

- The need for a task tracking application:
  - Looking at a clock is not really that hard.
  - Task and information overload



# Usage Scenarios

- **Time that needs to be tracked:**
  - Accounting for your time.
- **Time that you want to track:**
  - Analyzing your productivity

# Business Perspective

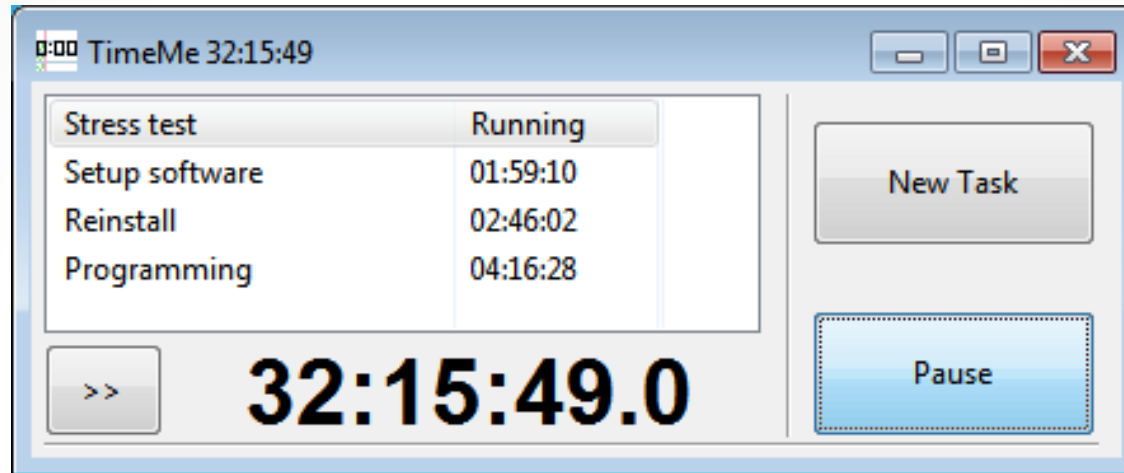


- **Operation Cost is zero.**
  - Open Licensing.
- **Productivity**
  - Tracks my employees to the second.
  - Accurately tracks time spent on billable projects.
  - Includes a description of the work performed.
- **Extensibility**
  - \*.TSV file extinction makes it easy to integrate data into other business analytic software.
- **Implementation**
  - Simple and rapid deployment.

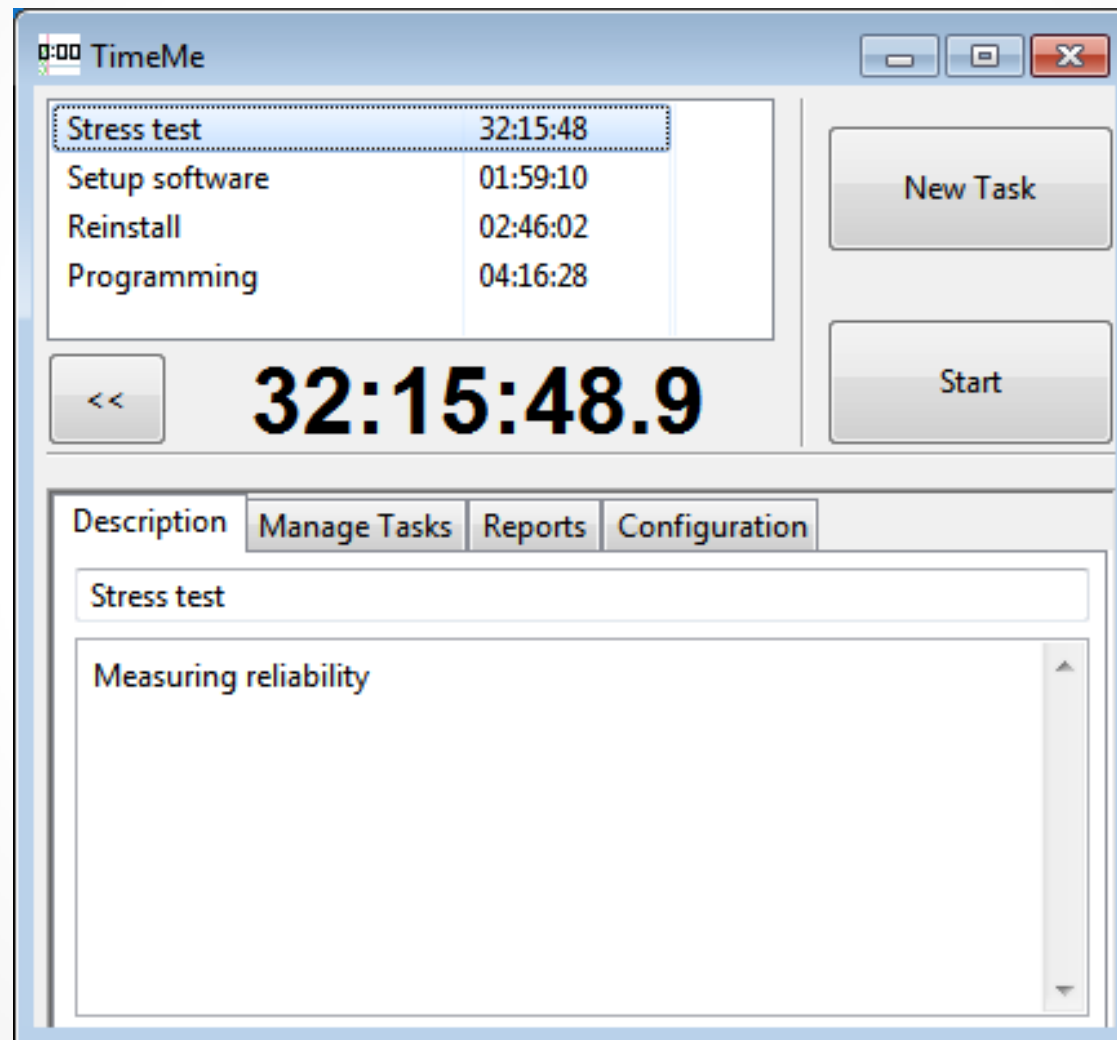
# Design Philosophy

- Exploration of the UI
- How does the layout support workflow?

- Collapsed



- Notes Tab



- Manage Tab

The screenshot shows the TimeMe application window. At the top, the title bar says "TimeMe". Below it, there's a list of tasks with their durations:

Stress test	32:15:48
Setup software	01:59:10
Reinstall	02:46:02
Programming	04:16:28

To the right of this list are two buttons: "New Task" and "Start". Below the task list, there's a large digital clock displaying "32:15:48.9" with a "<<" button to its left. Below the clock is a tabbed interface with four tabs: "Description", "Manage Tasks", "Reports", and "Configuration". The "Manage Tasks" tab is active, showing a table of tasks:

#	Title	Total	*
05	Q & A	00:02:15	-
06	Backup	00:52:45	-
07	Phonecall	00:00:11	-
08	Partitioning	00:28:34	-
09	Reinstall	02:46:02	+
10	Setup software	01:59:10	+
11	Stress test	32:15:48	+

To the right of the table are three buttons: "Edit Notes", "Edit Time", and "Delete Task".



- Reports Tab

The screenshot shows the TimeMe application window. At the top, there's a title bar with the TimeMe logo and standard window controls. Below the title bar, on the left, is a table listing tasks and their durations. On the right, there are 'New Task' and 'Start' buttons. In the center, a large digital clock displays '32:15:48.9' with a '<<' button to its left. Below the clock is a tabbed interface with four tabs: 'Description', 'Manage Tasks', 'Reports' (which is selected), and 'Configuration'. The 'Reports' tab contains a list of tasks. The first task is 'Task: Programming' with details: 'Elapsed: 04:16:28', 'Start: 2012/05/12 01:58:23', 'End: 2012/05/20 20:27:21', and 'Notes: Fixing bugs in product'. The second task is 'Task: Phonecall'. At the bottom, there's a 'Sort' section with two radio buttons: 'Start Time' (selected) and 'End Time'. To the right of the sort section are 'Generate' and 'Clear' buttons.

Task	Duration
Stress test	32:15:48
Setup software	01:59:10
Reinstall	02:46:02
Programming	04:16:28

<< **32:15:48.9**

Tabbed Interface: Description | Manage Tasks | **Reports** | Configuration

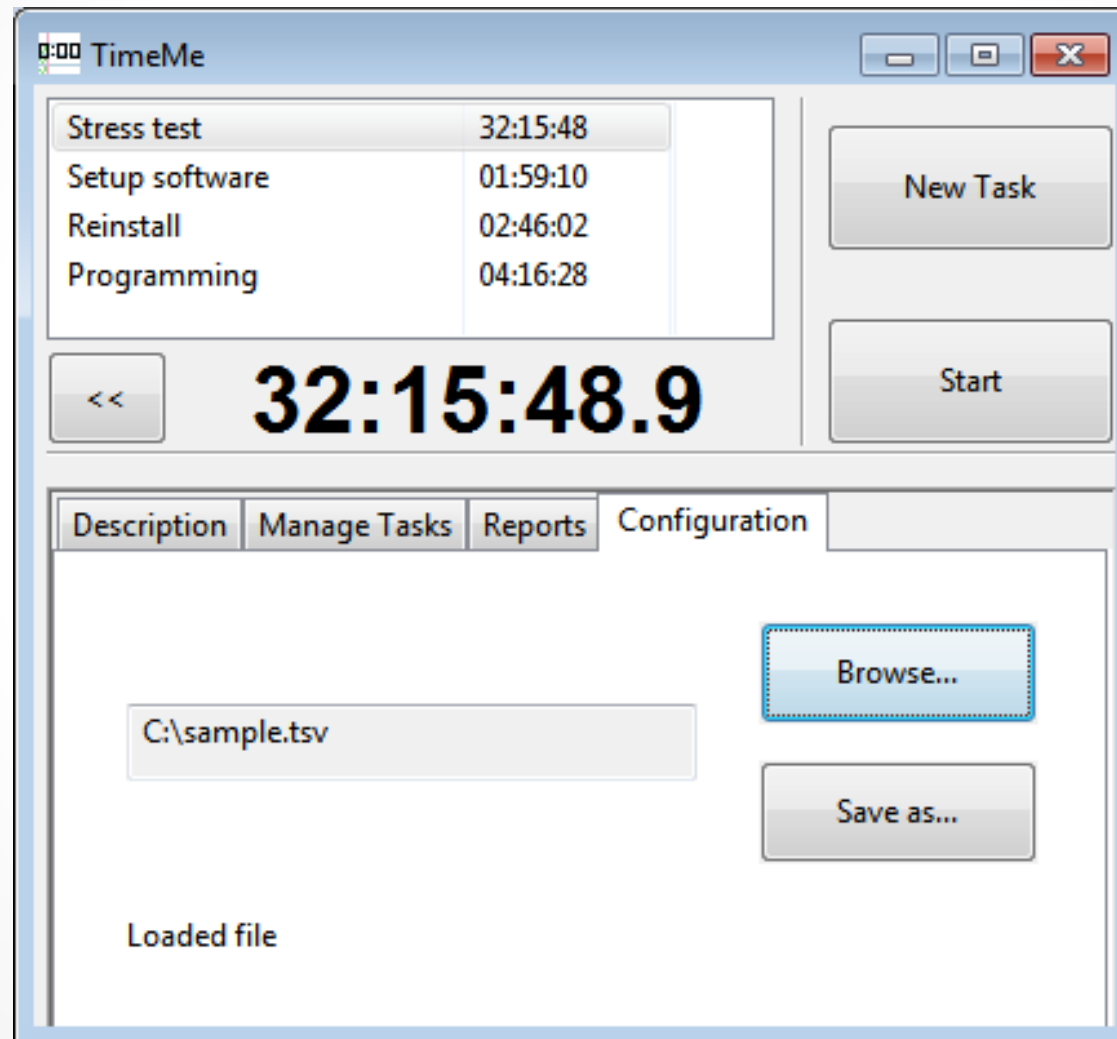
Task: Programming  
Elapsed: 04:16:28  
Start: 2012/05/12 01:58:23  
End: 2012/05/20 20:27:21  
Notes: Fixing bugs in product

Task: Phonecall

Sort: ☒ Start Time ☐ End Time

Buttons: Generate, Clear

- Configuration Tab



# Reports

## Sort by Start Time

### Task: Programming

Elapsed: 04:16:28

Start: 2012/05/12 01:58:23

End: 2012/05/20 20:27:21

Notes: Fixing bugs in product

### Task: Phonecall

Elapsed: 00:02:15

Start: 2012/05/12 22:59:58

End: 2012/05/12 23:02:13

Notes: Setting up meeting with client

### Task: Setup software

Elapsed: 01:59:10

Start: 2012/05/16 21:54:45

End: 2012/05/20 20:18:17

Notes: Installing office suite and configuration

### Task: Stress test

Elapsed: 32:15:48

Start: 2012/05/19 10:51:06

End: 2012/05/22 03:40:29

Notes: Measuring reliability

## Sort by End Time

### Task: Stress test

Elapsed: 32:15:48

Start: 2012/05/19 10:51:06

End: 2012/05/22 03:48:49

Notes: Measuring reliability

### Task: Programming

Elapsed: 04:16:28

Start: 2012/05/12 01:58:23

End: 2012/05/20 20:27:21

Notes: Fixing bugs in product

### Task: Presentation

Elapsed: 00:15:43

Start: 2012/05/14 23:17:17

End: 2012/05/14 23:33:00

Notes: Pitching product to client

### Task: Phonecall

Elapsed: 00:02:15

Start: 2012/05/12 22:59:58

End: 2012/05/12 23:02:13

Notes: Setting up meeting with client

# Extensibility

## Sample .TSV

01	Programming	04:16:28	+	0	Fixing bugs in product	1336813103573	1337570841096	15388689
02	Phonecall	00:02:15	-	1	Setting up meeting with client	1336888798573	1336888933573	135000
03	Presentation	00:15:43	-	2	Pitching product to client	1337062637573	1337063580573	943000
04	Meeting	00:38:21	-	3	Discussion with human resources	1337082516573	1337084817573	2301000
05	Q & A	00:02:15	-	4	Discussion with client	1337214417573	1337214417573	1210000
06	Backup	00:52:45	-	5	Copying files to external drive	1337215627573	1337218792573	3165000
07	Phonecall	00:00:11	-	6	Check in with boss	1337218795573	1337218806573	11000
08	Partitioning	00:28:34	-	7	Split drive into 3 sections	1337218807917	1337570289572	1714988
09	Reinstall	02:46:02	+	8	Installing OSes for the client	1337220522935	1337570292465	9962968
10	Setup software	01:59:10	+	9	Installing office suite and configuration	1337230485910	1337570297842	7150005
11	Stress test	32:15:48	+	10	Measuring reliability	1337449866934	1337570858225	116148936

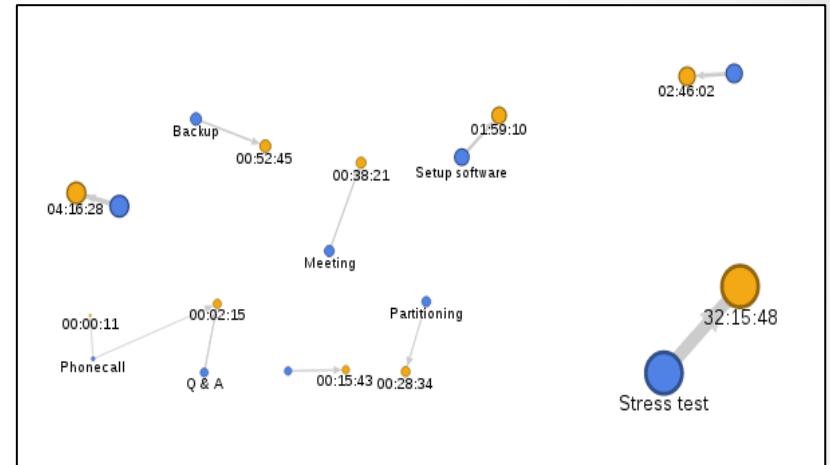
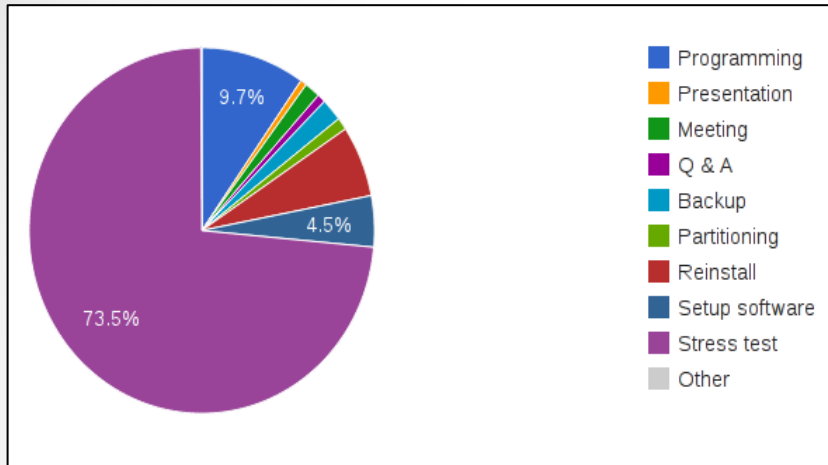
Import into: Microsoft Excel, LibreOffice Calc,  
Google Spreadsheets and more!

	A	B	C	D	E	F	G	H	I
1	1	Programming	04:16:28	0	0	Fixing bugs in product	May 12, 2012 08:58:23 AM	May 20, 2012 08:27:21 PM	15388689
2	2	Phonecall	00:02:15	0	1	Setting up meeting with client	May 13, 2012 05:59:58 AM	May 12, 2012 11:02:13 PM	135000
3	3	Presentation	00:15:43	0	2	Pitching product to client	May 15, 2012 06:17:17 AM	May 14, 2012 11:33:00 PM	943000
4	4	Meeting	00:38:21	0	3	Discussion with human resources	May 15, 2012 11:48:36 AM	May 15, 2012 05:26:57 AM	2301000
5	5	Q & A	00:02:15	0	4	Discussion with client	May 17, 2012 12:26:57 AM	May 16, 2012 05:26:57 PM	1210000
6	6	Backup	00:52:45	0	5	Copying files to external drive	May 17, 2012 12:47:07 AM	May 16, 2012 06:39:52 PM	3165000
7	7	Phonecall	00:00:11	0	6	Check in with boss	May 17, 2012 01:39:55 AM	May 16, 2012 06:40:06 PM	11000
8	8	Partitioning	00:28:34	0	7	Split drive into 3 sections	May 17, 2012 01:40:07 AM	May 20, 2012 08:18:09 PM	1714988
9	9	Reinstall	02:46:02	0	8	Installing OSes for the client	May 17, 2012 02:08:42 AM	May 20, 2012 08:18:12 PM	9962968
10	10	Setup software	01:59:10	0	9	Installing office suite and configuration	May 17, 2012 04:54:45 AM	May 20, 2012 08:18:17 PM	7150005
11	11	Stress test	32:15:48	0	10	Measuring reliability	May 19, 2012 05:51:06 PM	May 20, 2012 08:27:38 PM	116148936
12									

*Loaded into LibreOffice*

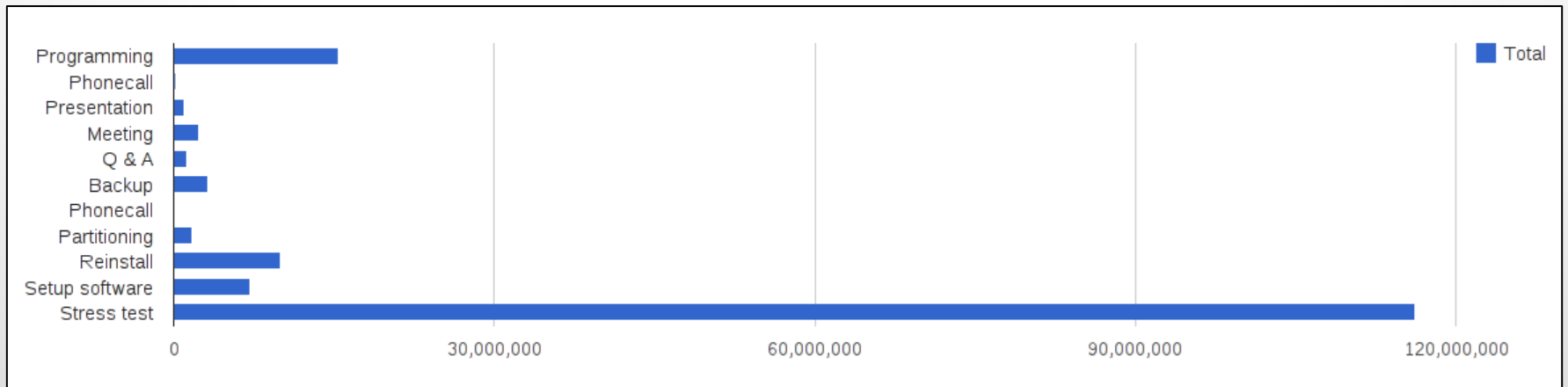
# Graphs

## Google Fusion Tables: Total vs Title



*Pie Chart*

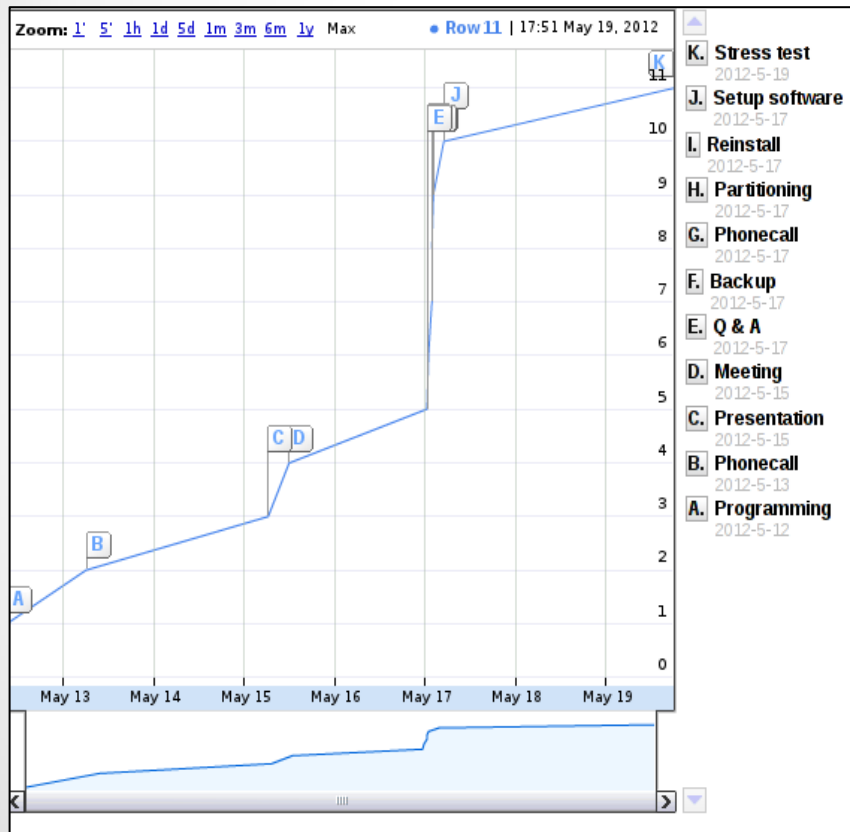
**Network Chart**



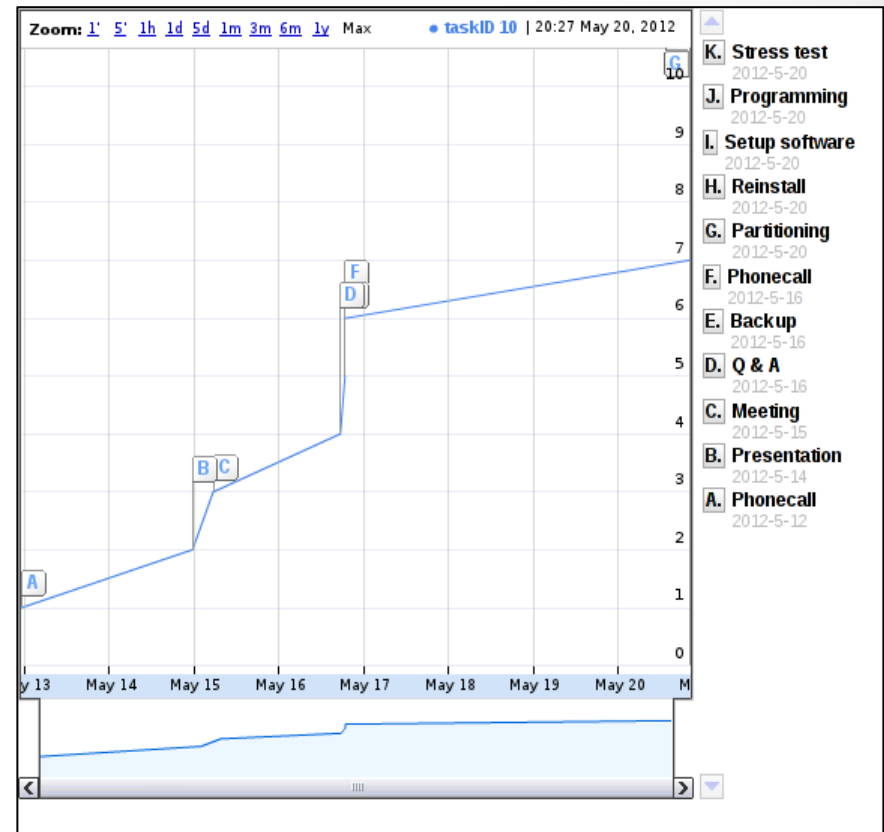
**Bar Chart**

# More Graphs

## Google Fusion Tables: Timeline



Title vs Start Time



Title vs End Time

# Development Process

- Agile Development
  - Switch from SWING to SWT
  - Rapid releases
  - Changing requirements
- [Google Code Project Page](#)

# GIT Commits

**2012-04-14**

Minor fix to MegaX4.jar

**Kevin One** - 10:49:01 PM

Files Modified **1**  
Lines Added **0**  
Lines Removed **0**

MegaX4.jar \* Merged Lucas' code \* TaskObject.checkRecent \*  
Column bidirectional sorting \* Renamed columns \* Edit notes  
(switch to tab1) \* Edit time (inline cell edit with partial  
sanity check) \* Clear button \* cleanup

**Kevin One** - 10:30:34 PM

Files Modified **8**  
Lines Added **293**  
Lines Removed **245**

Worked in saved object adding comments and debugging

**Lucas One** - 01:22:13 PM

Files Modified **5**  
Lines Added **107**  
Lines Removed **69**

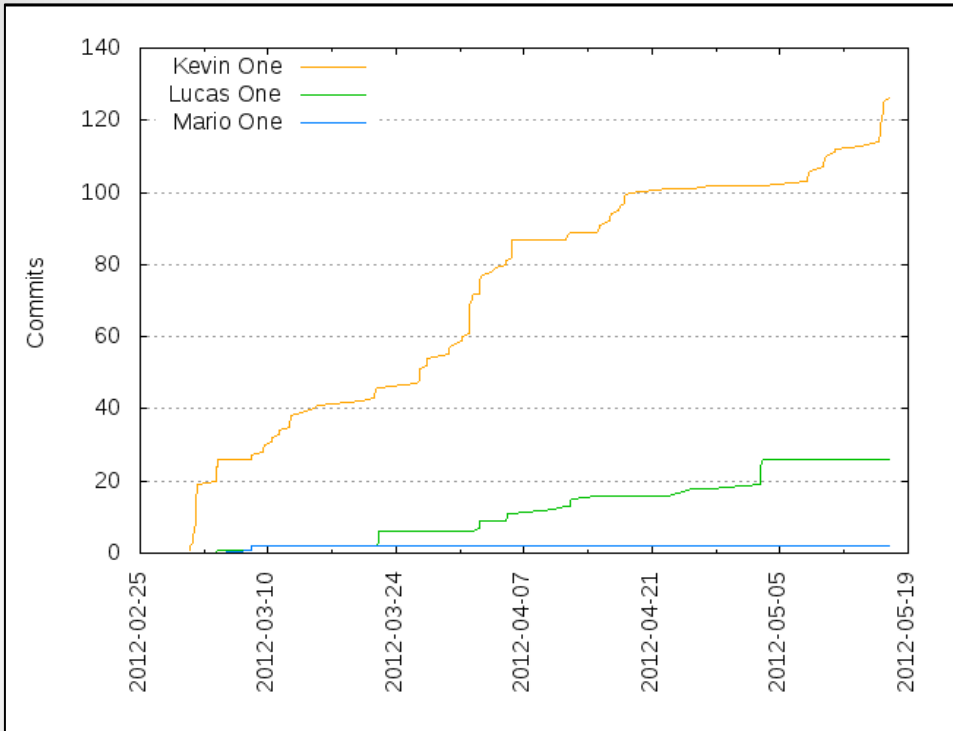
## *Diff with syntax highlighting*

```
...
30 32      {
31 33          public void modifyText(ModifyEvent e)
32 34          {
33 -             if((!Main.textNotes.getText().equals("Notes")) && Main.textNotes.isFocusControl())
34 -             {
35 +             if(Main.textNotes.isFocusControl())
36 +             {
37 +                 SaveObject.collectCurrentTask();
38 +                 TaskObject.saveTask(Main.currentTask);
35 39                 Tools.debug("input:" + "textNotes");
36 40             }
37 41         }
...
```

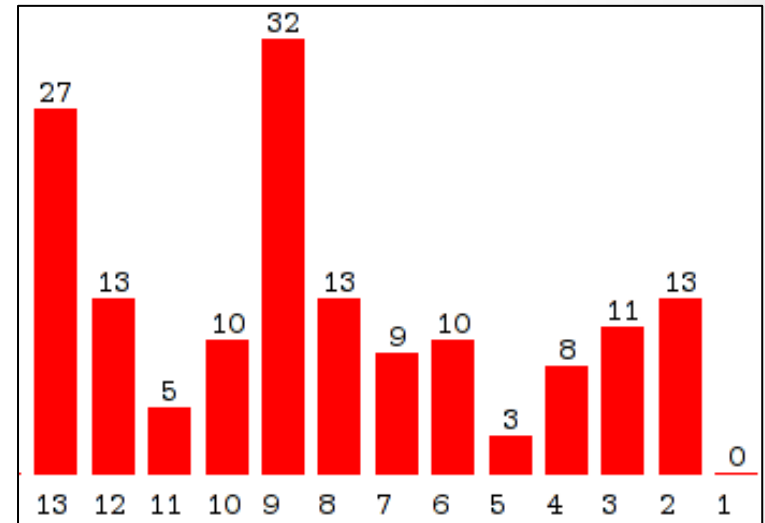


# GIT Stats

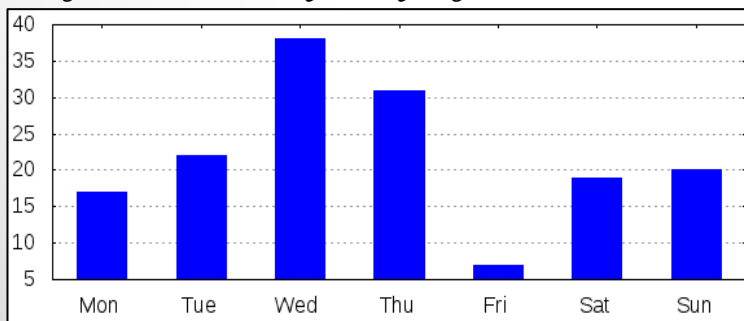
## *# of Commits by Author*



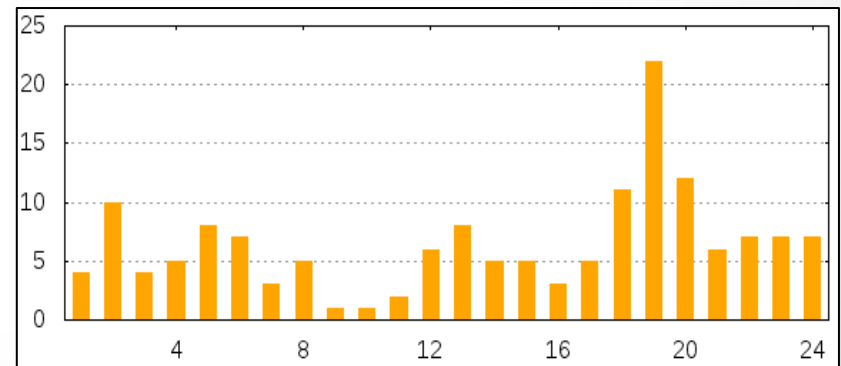
## *# of Commits by Week*



## *# of Commits by Day of the Week*



## *# of Commits by Hour of Day*



# Compatibility

## Supported Architecture:

**x86 32-bit & 64-bit**

## Supported JRE:

**Sun/Oracle JRE 1.6+**

## Supported Platforms:

•Windows 

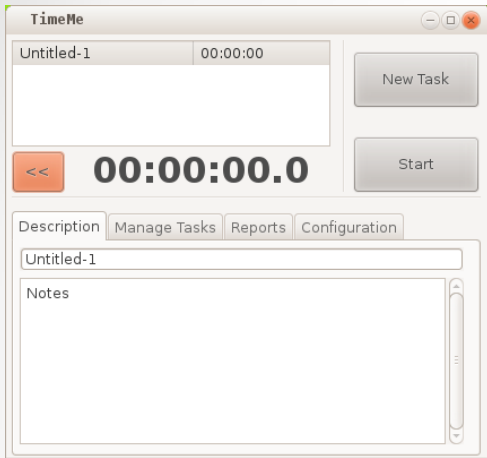
•OSX 

•Linux 

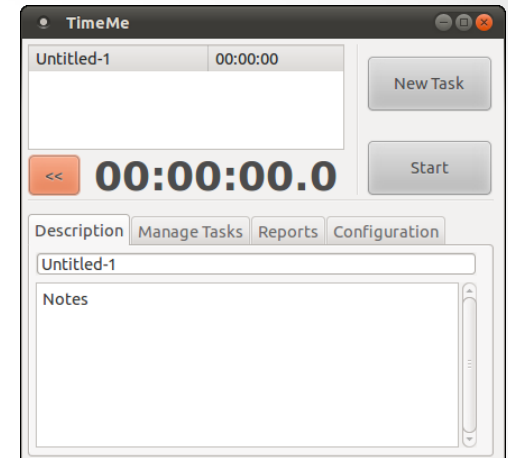
# JAR File is Portable

# Theming

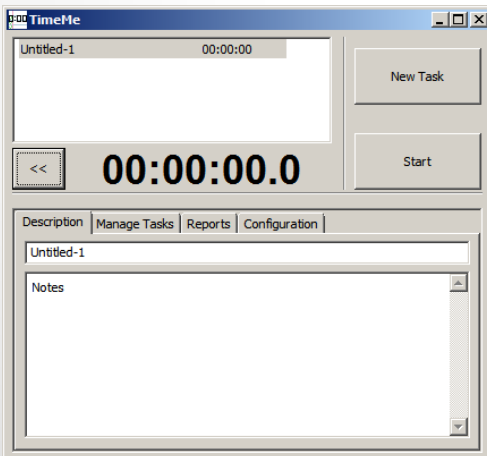
## SWT Native Widget Integration



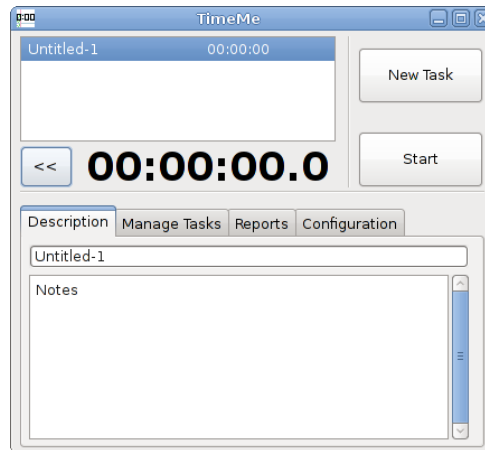
**GTK3 Radiance (Linux)**



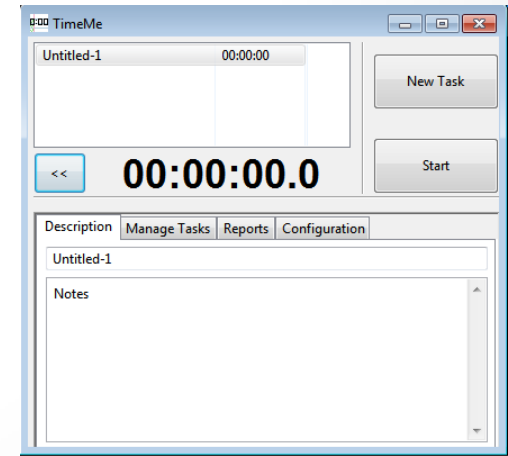
**GTK2 Ambiance (Linux)**



**Classic (Windows 7)**



**GTK2 Clearlooks (Linux)**



**Aero (Windows 7)**

# Download TimeMe

<http://v.gd/timeme>

OR



<http://snipurl.com/timeme>

**Go here! Do it now!**