

# Summary

| January 2008 | Glaciers     | Translation Utility | Common Code | Build Process | Misc Sims   | Misc Other | SUBTOTAL     |
|--------------|--------------|---------------------|-------------|---------------|-------------|------------|--------------|
| 1            | 0            | 0                   | 0           | 0             | 0           | 1.25       | 1.25         |
| 2            | 3            | 3                   | 0           | 0             | 0           | 0.5        | 6.5          |
| 3            | 3.25         | 0                   | 0           | 0             | 0           | 1.5        | 4.75         |
| 4            | 3.5          | 0                   | 0           | 0             | 0.25        | 1.25       | 5            |
| 5            | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 6            | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 7            | 0            | 0                   | 7.5         | 0             | 0           | 0          | 7.5          |
| 8            | 5            | 0                   | 0           | 0             | 0           | 1.5        | 6.5          |
| 9            | 6            | 0                   | 0.25        | 0             | 0           | 0.25       | 6.5          |
| 10           | 0.5          | 0                   | 0           | 0             | 0           | 4          | 4.5          |
| 11           | 4.5          | 0                   | 0           | 0             | 0           | 0          | 4.5          |
| 12           | 0            | 0                   | 0           | 0             | 0           | 0.75       | 0.75         |
| 13           | 7            | 0                   | 0           | 1.5           | 0           | 1.5        | 10           |
| 14           | 8            | 0                   | 0           | 0.75          | 0           | 1.75       | 10.5         |
| 15           | 5.25         | 0                   | 0           | 0             | 0           | 2.5        | 7.75         |
| 16           | 2.25         | 0                   | 0           | 2             | 0           | 1          | 5.25         |
| 17           | 0            | 0                   | 0           | 3.5           | 0           | 2.75       | 6.25         |
| 18           | 0            | 0.25                | 0           | 4.25          | 0           | 0.25       | 4.75         |
| 19           | 0            | 0                   | 0           | 0             | 0           | 1          | 1            |
| 20           | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 21           | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 22           | 1.5          | 0                   | 0           | 0             | 0           | 2          | 3.5          |
| 23           | 2.5          | 0                   | 0           | 2             | 0           | 0.75       | 5.25         |
| 24           | 0            | 1.5                 | 0           | 1.75          | 0           | 2.25       | 5.5          |
| 25           | 1            | 0                   | 0           | 0             | 0           | 1          | 2            |
| 26           | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 27           | 0            | 0                   | 0           | 0             | 0           | 0          | 0            |
| 28           | 2            | 1                   | 0           | 1             | 0           | 0          | 4            |
| 29           | 0            | 2.75                | 0.5         | 0             | 0           | 2.25       | 5.5          |
| 30           | 6.5          | 0                   | 0           | 1             | 0           | 2.5        | 10           |
| 31           | 4            | 0                   | 0           | 0             | 0           | 1.5        | 5.5          |
| <b>TOTAL</b> | <b>65.75</b> | <b>8.5</b>          | <b>8.25</b> | <b>17.75</b>  | <b>0.25</b> | <b>34</b>  | <b>134.5</b> |
|              | 48.9%        | 6.3%                | 6.1%        | 13.2%         | 0.2%        | 25.3%      |              |

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# Glaciers

| January 2008 | Design   | Code         | Debug    | Changes  | SUBTOTAL     | Notes |
|--------------|----------|--------------|----------|----------|--------------|-------|
| 1            |          |              |          |          | 0            |       |
| 2            |          | 3            |          |          | 3            |       |
| 3            |          | 3.25         |          |          | 3.25         |       |
| 4            |          | 3.5          |          |          | 3.5          |       |
| 5            |          |              |          |          | 0            |       |
| 6            |          |              |          |          | 0            |       |
| 7            |          |              |          |          | 0            |       |
| 8            |          | 5            |          |          | 5            |       |
| 9            |          | 6            |          |          | 6            |       |
| 10           |          | 0.5          |          |          | 0.5          |       |
| 11           |          | 4.5          |          |          | 4.5          |       |
| 12           |          |              |          |          | 0            |       |
| 13           |          | 7            |          |          | 7            |       |
| 14           |          | 8            |          |          | 8            |       |
| 15           |          | 5.25         |          |          | 5.25         |       |
| 16           |          | 2.25         |          |          | 2.25         |       |
| 17           |          |              |          |          | 0            |       |
| 18           |          |              |          |          | 0            |       |
| 19           |          |              |          |          | 0            |       |
| 20           |          |              |          |          | 0            |       |
| 21           |          |              |          |          | 0            |       |
| 22           |          | 1.5          |          |          | 1.5          |       |
| 23           |          | 2.5          |          |          | 2.5          |       |
| 24           |          |              |          |          | 0            |       |
| 25           | 1        |              |          |          | 1            |       |
| 26           |          |              |          |          | 0            |       |
| 27           |          |              |          |          | 0            |       |
| 28           |          | 2            |          |          | 2            |       |
| 29           |          |              |          |          | 0            |       |
| 30           |          | 6.5          |          |          | 6.5          |       |
| 31           |          | 4            |          |          | 4            |       |
| <b>TOTAL</b> | <b>1</b> | <b>64.75</b> | <b>0</b> | <b>0</b> | <b>65.75</b> |       |

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## Translation Utility

| January<br>2008 | Design     | Code     | Debug    | Changes  | SUBTOTAL   | Notes                             |
|-----------------|------------|----------|----------|----------|------------|-----------------------------------|
| 1               |            |          |          |          | 0          |                                   |
| 2               |            | 3        |          |          | 3          |                                   |
| 3               |            |          |          |          | 0          |                                   |
| 4               |            |          |          |          | 0          |                                   |
| 5               |            |          |          |          | 0          |                                   |
| 6               |            |          |          |          | 0          |                                   |
| 7               |            |          |          |          | 0          |                                   |
| 8               |            |          |          |          | 0          |                                   |
| 9               |            |          |          |          | 0          |                                   |
| 10              |            |          |          |          | 0          |                                   |
| 11              |            |          |          |          | 0          |                                   |
| 12              |            |          |          |          | 0          |                                   |
| 13              |            |          |          |          | 0          |                                   |
| 14              |            |          |          |          | 0          |                                   |
| 15              |            |          |          |          | 0          |                                   |
| 16              |            |          |          |          | 0          |                                   |
| 17              |            |          |          |          | 0          |                                   |
| 18              |            | 0.25     |          |          | 0.25       | create skeleton for Ant buildfile |
| 19              |            |          |          |          | 0          |                                   |
| 20              |            |          |          |          | 0          |                                   |
| 21              |            |          |          |          | 0          |                                   |
| 22              |            |          |          |          | 0          |                                   |
| 23              |            |          |          |          | 0          |                                   |
| 24              | 1.5        |          |          |          | 1.5        | design meeting with Sam           |
| 25              |            |          |          |          | 0          |                                   |
| 26              |            |          |          |          | 0          |                                   |
| 27              |            |          |          |          | 0          |                                   |
| 28              | 1          |          |          |          | 1          |                                   |
| 29              |            | 2.75     |          |          | 2.75       | Ant buildfile                     |
| 30              |            |          |          |          | 0          |                                   |
| 31              |            |          |          |          | 0          |                                   |
| <b>TOTAL</b>    | <b>2.5</b> | <b>6</b> | <b>0</b> | <b>0</b> | <b>8.5</b> |                                   |

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## Common Code

| January 2008 | Design   | Code     | Debug | Other       | SUBTOTAL    | Notes  |
|--------------|----------|----------|-------|-------------|-------------|--|
| 1            |          |          |       |             | 0           |  |
| 2            |          |          |       |             | 0           |  |
| 3            |          |          |       |             | 0           |  |
| 4            |          |          |       |             | 0           |  |
| 5            |          |          |       |             | 0           |  |
| 6            |          |          |       |             | 0           |  |
| 7            |          |          |       | 7.5         | 7.5         | cleanup PhetDefaultFont, fix font issues in all sims |
| 8            |          |          |       |             | 0           |  |
| 9            |          |          |       | 0.25        | 0.25        | discuss testing with Sam                             |
| 10           |          |          |       |             | 0           |  |
| 11           |          |          |       |             | 0           |  |
| 12           |          |          |       |             | 0           |  |
| 13           |          |          |       |             | 0           |  |
| 14           |          |          |       |             | 0           |  |
| 15           |          |          |       |             | 0           |  |
| 16           |          |          |       |             | 0           |  |
| 17           |          |          |       |             | 0           |  |
| 18           |          |          |       |             | 0           |  |
| 19           |          |          |       |             | 0           |  |
| 20           |          |          |       |             | 0           |  |
| 21           |          |          |       |             | 0           |  |
| 22           |          |          |       |             | 0           |  |
| 23           |          |          |       |             | 0           |  |
| 24           |          |          |       |             | 0           |  |
| 25           |          |          |       |             | 0           |  |
| 26           |          |          |       |             | 0           |  |
| 27           |          |          |       |             | 0           |  |
| 28           |          |          |       |             | 0           |  |
| 29           |          |          |       | 0.5         | 0.5         | review i18n solution for JFileChooser, JColorChooser |
| 30           |          |          |       |             | 0           |  |
| 31           |          |          |       |             | 0           |  |
| <b>TOTAL</b> | <b>0</b> | <b>0</b> |       | <b>8.25</b> | <b>8.25</b> |  |

## Build Process

| January 2008 | Design   | Code       | Debug | Other     | SUBTOTAL     | Notes   |
|--------------|----------|------------|-------|-----------|--------------|---|
| 1            |          |            |       |           | 0            |   |
| 2            |          |            |       |           | 0            |   |
| 3            |          |            |       |           | 0            |   |
| 4            |          |            |       |           | 0            |   |
| 5            |          |            |       |           | 0            |   |
| 6            |          |            |       |           | 0            |   |
| 7            |          |            |       |           | 0            |   |
| 8            |          |            |       |           | 0            |   |
| 9            |          |            |       |           | 0            |   |
| 10           |          |            |       |           | 0            |   |
| 11           |          |            |       |           | 0            |   |
| 12           |          |            |       |           | 0            |   |
| 13           |          |            |       | 1.5       | 1.5          | collaborate on AddTranslationTask with Sam            |
| 14           |          |            |       | 0.75      | 0.75         | discussion of separate JAR files for on- and off-line |
| 15           |          |            |       |           | 0            |   |
| 16           |          |            | 2     |           | 2            | can't deploy a sim to dev, fails at SVN commit        |
| 17           |          |            |       | 3.5       | 3.5          | review, refactor, cleanup Ant buildfiles              |
| 18           |          |            |       | 4.25      | 4.25         | review, refactor, cleanup Ant buildfiles              |
| 19           |          |            |       |           | 0            |   |
| 20           |          |            |       |           | 0            |   |
| 21           |          |            |       |           | 0            |   |
| 22           |          |            |       |           | 0            |   |
| 23           |          | 1          | 1     |           | 2            | debug SVN login issue, add SVN login target, etc.     |
| 24           |          |            | 1.75  |           | 1.75         |   |
| 25           |          |            |       |           | 0            |   |
| 26           |          |            |       |           | 0            |   |
| 27           |          |            |       |           | 0            |   |
| 28           | 1        |            |       |           | 1            |   |
| 29           |          |            |       |           | 0            |   |
| 30           |          | 0.5        | 0.5   |           | 1            |   |
| 31           |          |            |       |           | 0            |   |
| <b>TOTAL</b> | <b>1</b> | <b>1.5</b> |       | <b>10</b> | <b>17.75</b> |   |

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## Misc Sims

| January<br>2008 | Design | Code | Debug | Changes | SUBTOTAL | Notes                                      |
|-----------------|--------|------|-------|---------|----------|--|
| 1               |        |      |       |         | 0        |  |
| 2               |        |      |       |         | 0        |  |
| 3               |        |      |       |         | 0        |  |
| 4               |        | 0.25 |       |         | 0.25     | delete obsolete code from optical-tweezers |
| 5               |        |      |       |         | 0        |  |
| 6               |        |      |       |         | 0        |  |
| 7               |        |      |       |         | 0        |  |
| 8               |        |      |       |         | 0        |  |
| 9               |        |      |       |         | 0        |  |
| 10              |        |      |       |         | 0        |  |
| 11              |        |      |       |         | 0        |  |
| 12              |        |      |       |         | 0        |  |
| 13              |        |      |       |         | 0        |  |
| 14              |        |      |       |         | 0        |  |
| 15              |        |      |       |         | 0        |  |
| 16              |        |      |       |         | 0        |  |
| 17              |        |      |       |         | 0        |  |
| 18              |        |      |       |         | 0        |  |
| 19              |        |      |       |         | 0        |  |
| 20              |        |      |       |         | 0        |  |
| 21              |        |      |       |         | 0        |  |
| 22              |        |      |       |         | 0        |  |
| 23              |        |      |       |         | 0        |  |
| 24              |        |      |       |         | 0        |  |
| 25              |        |      |       |         | 0        |  |
| 26              |        |      |       |         | 0        |  |
| 27              |        |      |       |         | 0        |  |
| 28              |        |      |       |         | 0        |  |
| 29              |        |      |       |         | 0        |  |
| 30              |        |      |       |         | 0        |  |
| 31              |        |      |       |         | 0        |  |
| TOTAL           | 0      | 0.25 | 0     | 0       | 0.25     |  |

## Misc Other

| January<br>2008 | Meetings   | Reports  | Hiring       | Other       | SUBTOTAL  | Notes   |
|-----------------|------------|----------|--------------|-------------|-----------|---|
| 1               |            |          | 1.25         |             | 1.25      |   |
| 2               |            |          | 0.5          |             | 0.5       |   |
| 3               | 1          |          | 0.5          |             | 1.5       |   |
| 4               |            |          | 1            | 0.25        | 1.25      | Java usage stats                                      |
| 5               |            |          |              |             | 0         |   |
| 6               |            |          |              |             | 0         |   |
| 7               |            |          |              |             | 0         |   |
| 8               |            |          | 1.5          |             | 1.5       |   |
| 9               |            |          |              | 0.25        | 0.25      | Unfuddle tickets for outstanding code migration tasks |
| 10              | 3.5        |          | 0.5          |             | 4         |   |
| 11              |            |          |              |             | 0         |   |
| 12              |            |          | 0.75         |             | 0.75      |   |
| 13              |            |          | 1.5          |             | 1.5       |   |
| 14              |            |          | 1.75         |             | 1.75      |   |
| 15              |            |          | 2.5          |             | 2.5       |   |
| 16              |            | 0.5      | 0.5          |             | 1         |   |
| 17              | 2          |          | 0.25         | 0.5         | 2.75      | Investigate installer build problem                   |
| 18              |            |          | 0.25         |             | 0.25      |   |
| 19              |            |          | 1            |             | 1         |   |
| 20              |            |          |              |             | 0         |   |
| 21              |            |          |              |             | 0         |   |
| 22              |            |          | 2            |             | 2         |   |
| 23              |            | 0.5      | 0.25         |             | 0.75      |   |
| 24              | 1.5        |          | 0.75         |             | 2.25      |   |
| 25              |            |          | 1            |             | 1         |   |
| 26              |            |          |              |             | 0         |   |
| 27              |            |          |              |             | 0         |   |
| 28              |            |          |              |             | 0         |   |
| 29              |            |          |              | 2.25        | 2.25      | SVN cleanup, proguard upgrade                         |
| 30              |            |          |              | 2.5         | 2.5       | remove version# on 3rd-party directories and JARs     |
| 31              | 1.5        |          |              |             | 1.5       |   |
| <b>TOTAL</b>    | <b>9.5</b> | <b>1</b> | <b>17.75</b> | <b>5.75</b> | <b>34</b> |   |