Replace awesome_nested_set gem with a custom implementation of nested sets

This issue functions as a placeholder to make sure this change gets included on the changelog.

The (functionality of the) awesome_nested_set gem, that is used for building trees of projects and issues, is replaced with a simple and more robust custom implementation of nested sets. This fixes several deadlocks and/or nested set inconsistencies.

This change is completed by Jean-Philippe Lang (I'll assign this issue accordingly) with the following related changesets: r13841, r13842, r13843, r13844, r13845 and r13846.

## History

### #1 - 2015-01-16 08:01 - Toshi MARUYAMA

- Related to Defect #6579: Tree hierarchy being corrupted on multiple submissions of an issue added

### #2 - 2015-01-21 05:43 - Toshi MARUYAMA

- Related to Defect #3722: Nested projects can get in disorder added

### #3 - 2015-02-06 02:52 - Toshi MARUYAMA

- Related to Defect #19040: Potential DB deadlocks on concurrent issue creation added