Changes

Features: General
- Tool events: Events associated with Tools
- Tool events: New configuration file (xml format) for adding/removing tool event support
- Tool events: Added support for new tool events
- Performance: Selective event aggregation (collect only for sites with SiteStats placed: default)
- TO DO: Performance: Alternative approach for event aggregation using a Quartz job (contributed by Andrew Poland)
- Deployment: Added Maven 2 support

Features: UI Level
- Overview page:
  - Separate charts for visits and activity
  - Pie chart with activity per tool (percentage)
  - Data presented faster to user (blocks of data loaded one by one with Ajax)
  - Chart width adjusted to available space
  - Ability to maximize charts to full page width
  - Charts are images and can be saved to disk
- Reports page:
  - Redesigned UI for more fine grained searches:
    - select what:
      - visits
      - events (restrict by tool or event)
      - resources (all or specific resources; all or specific resource action)
    - select when:
      - predefined date intervals (all, last 7 days, last 30 days)
      - custom date intervals
    - select who:
      - all users
      - users selection by role or group
      - custom user selection
      - users not matching conditions (what and when conditions)
  - Export results to CSV, Excel, PDF or Printer
- Preferences page:
  - Tool list filtered by available tools in sakai installation
  - Tool list filtered by available tools in site only (site preference: default)
  - Chart display options
- Administrator view:
  - TO DO => For version 1.1

2007/02/26 - Version trunk
- added property dbUpdateInterval@StatsUpdateManager to control db updates interval

2006/01/29 - Version 0.5.9
- STAT-25: New msgcntr Events need to be added to SiteStats

2006/01/17 - Version 0.5.8
- STAT-24: Overview page may generate bug report if site has no members

2006/12/28 - Version 0.5.7
- added support for new 'Poll' events
- STAT-18: Deleted resources may slow down Site Stats
- STAT-19: Site Stats gives a stack trace error when you click on "resources"
- STAT-20: Conflicting 'content.*' (Resources/MessageCenter) events may not get correctly processed
- STAT-21: Do not render links for deleted resources on Resources page
- STAT-22: Search doesn't work for external users

2006/10/31 - Version 0.5.6
- fixed STAT-17: Locale bundle not read
- from STAT-16: Add new events:
  - added support for 'View assignment' event
  - added support for MessageCenter events
  - added support for new 'Sections' events
2006/10/30 - Version 0.5.5a

- Use event id as event name if resource bundle does not exist

2006/10/26 - Version 0.5.5

- Removed "?" users because of its ambiguous meaning: anonymous/denied access
- fixed STAT-13: Unique visits incorrectly shown
- added "Unique visits/total users" to Overview page
- fixed STAT-12: SiteStats does not work with custom roles:
  - for sakai_2-2-x, add role to tool.xml and apply SAK-4120 custom patch
  - for sakai_2-3-x up:
    - requires "sitestats.view" permission for standard tool (existing realms MUST be updated)
    - requires "sitestats.admin.view" permission for admin version of the tool
- added support for wiki.new, wiki.delete (sakai 2.3+ only)
- updated to match SAK-4120/REQ-47/SAK-1454 resolution

2006/09/06 - Version 0.5.4

- Fixed (rare) case where no data was displayed in Events and Resources page unless searching by keyword
- (2.2.x only) replaced 'disc.delete.any' and 'disc.delete.own' events by 'disc.delete.category' event
- if auto.ddl, do not update indexes for hsqldb
- added addEventIds@StatsManager sakai property to add events to existing event list
- added removeEventIds@StatsManager sakai property to remove events from existing event list

2006/08/01 - Version 0.5.3

- STAT-8: Hibernate date functions not correctly translated in Oracle
- STAT-7: Problem with OverviewBean.visits in existing courses
- STAT-4: Unsuccessful schema statement- creating tables in Oracle

2006/08/01 - Version 0.5.2

- STAT-6: Make appearance of dates in SiteStats more consistent? --> use ISO while dates are not yet localized
- STAT-5: Correct alignment of text in 'Most Recent Date' column in Site Stats
- STAT-4: Unsuccessful schema statement- creating tables in Oracle
- changed tool registration file description for consistency with other tool descriptions

2006/06/28 - Version 0.5.1

- fix case where resource no longer exists (failed while creating link to it)

2006/06/20 - Version 0.5

- adapted tool to collect data from the Event API in realtime
- added support for more events
- event names are now in a resource bundle
- event types can be specified in sakai.properties like: eventIds@StatsManager=pres.begin,chat.new
- resources in Resource page have icons and links to the referred resource

2006/06/01 - Version 0.4

- added totals and average for unique visitors and activity in Overview page
- added month and year view to chart (last 30 days/12 months)
- chart week view now show last 7 days
- events that compose 'activity' can be configured in Preferences page
- faster: statistical data is now aggregated in separate tables
- data can be updated using a quartz job, on tool access (slow - as before), or by
  clicking on an "Update" button (that can be hidden or disabled if site was updated in
  the last n hours)
- added sakai.sitestats.admin tool (start in site list view)
- fixed get(msgs) WARN Spring message sent to logs (in Events and Resources pages)

2006/05/16 - Version 0.2.3

- switch to hibernate3
- use of AdditionalHibernateMappingsImpl approach
- performance improvement (thanks to Stephen Marquard)

2006/05/08 - Version 0.2.2

- user id and name splitted in two columns - UI and exported files (XLS and CSV)
- updated custom patches to SAK-4120 to filter pages accessed from webservices
- check permissions when accessing with tool direct URL
• fixed CSS inclusion leading to invalid html

2006/04/09 - Version 0.2.1
• fixed spelling correction: Assignments submitted
• added missing license headers to java files

2006/04/03 - Version 0.2
• fixed date bugs
• added bar chart for current week
• added support for HSQLDB (tested) and Oracle (not tested)