

The background of the slide is a technical drawing on aged, yellowish paper. It features various geometric shapes, including rectangles, circles, and lines, some of which are drawn with dashed lines to indicate hidden or projected parts. The drawing appears to be a set of architectural or mechanical plans. In the center, there is a prominent drawing of a star-like or multi-armed structure, possibly a mechanical component or a structural element, with several arms extending outwards. The overall style is that of a classic engineering or architectural drawing.

Projectmanagement with Drupal and the storm moduls

Berlin, 17. September 2011

cocomore 



Karl Fritsche

<http://drupal.org/user/619702>



Carsten Müller

<http://drupal.org/user/124707>

- * Co-Maintainers of Storm
- * Maintainers of Storm Contrib



STORM

SpeedTech Organization and Resource Manager



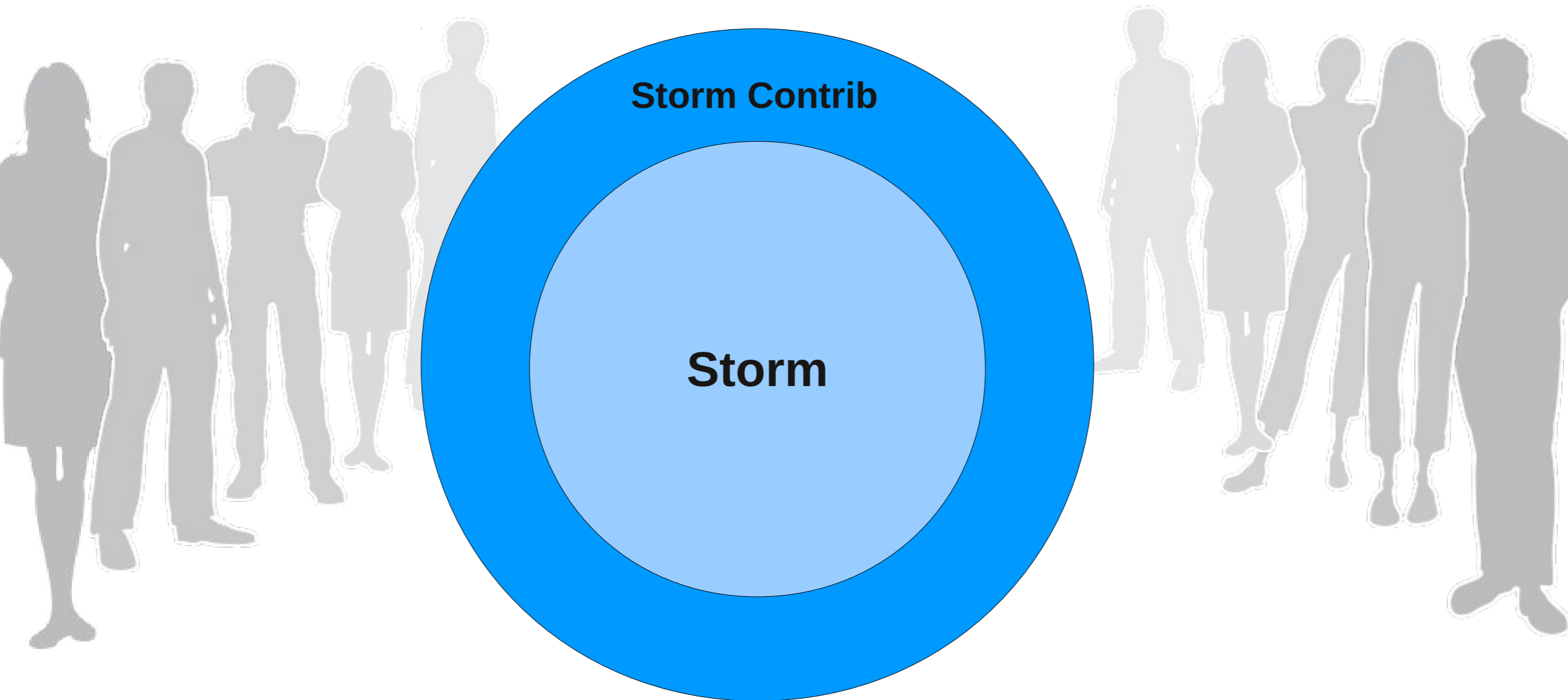
Possible topics to talk about

- * organizations
- * tickets
- * persons
- * admin settings
- * expenses
- * storm attributes
- * national holidays
- * exports
- * timetracking
- * bugtracker
- * notes
- * time estimations
- * briefing
- * milestones
- * ...
- * projects
- * project balances
- * utilisations
- * costs
- * dependencies
- * internationalization
- * person holidays
- * reports
- * timetracking favorites
- * durations
- * documentation
- * budgets
- * time plans
- * shifting
- * tasks
- * project monitoring
- * project schedule
- * invoices
- * requirements
- * teams
- * filters
- * planning of ressources
- * change requests
- * recurring durations
- * deadlines
- * multiple project handling
- * common problems
- * permissions



Because it is so much stuff,
we can only give
a short introduction
and **overview**

The Structure

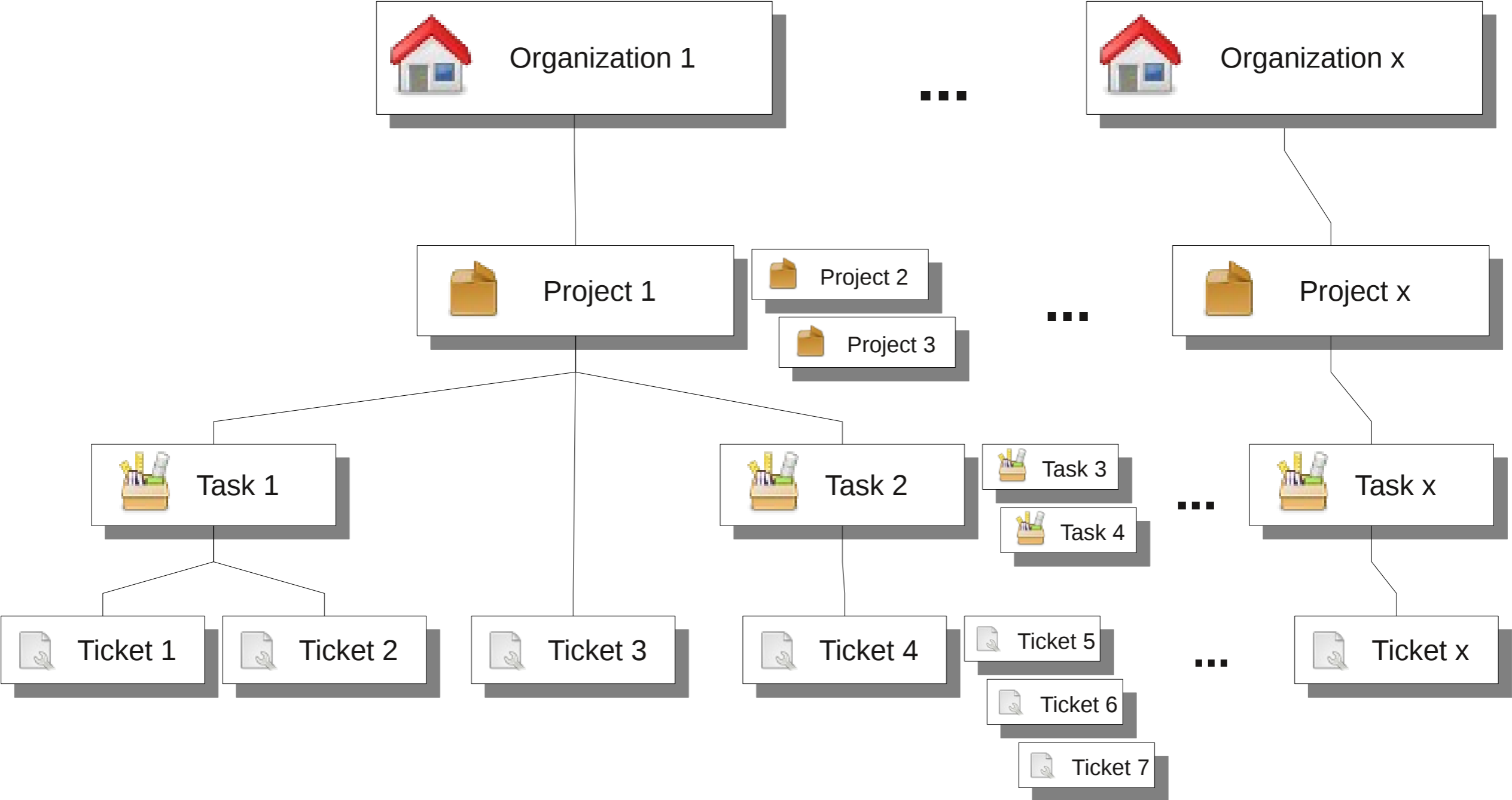


Structure

Main Types



- * 🏠 Organizations
- * 👥 People
- * 🟡 Teams
- * 📁 Projects
- * 📅 Tasks
- * 📄 Tickets
- * 🕒 Timetrackings
- * 📊 Expenses
- * 💰 Invoices



Some Features



Detailed planning of a project

- * What is to do?
- * Who is involved?
- * Time estimations
- * Costs?
- * Requirements
- * Priorities

Title	Begin	End▲	Duration	Time tracked	Progress	Assigned to	Status	Category	Priority
Administration (Task)	20. Sep. 2011	30. Sep. 2011	0,00 hours	0,00 hours	n.a.	Person 1	●		■
○ Server Setup (Ticket)	19. Sep. 2011	28. Sep. 2011	2,00 days	0,00 days	0,00%	Person 1	●	estimate	■
Art & Production (Task)	19. Sep. 2011	30. Sep. 2011	0,00 hours	0,00 hours	n.a.	Person 2	●		■
○ Screendesign (Ticket)	19. Sep. 2011	30. Sep. 2011	4,00 days	0,00 days	0,00%	Person 2	●	estimate	■
Software Development (Task)	03. Oct. 2011	31. Oct. 2011	0,00 hours	0,00 hours	n.a.	Müller, Carsten	●		■
QA (Task)	01. Nov. 2011	02. Dec. 2011	0,00 hours	0,00 hours	n.a.	Person 3	●		■
○ Testing (Ticket)	03. Nov. 2011	29. Nov. 2011	0,00 hours	0,00 hours	n.a.	Person 3	●	estimate	■

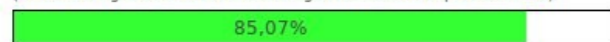


Project balance and project monitoring

- * Current project status
- * Start- and enddates
- * Deadlines
- * Costs
- * Progress
- * Problems

Progress

(Ratio of budget duration - timetrackings till now + still open durations)



Date begin: **12. Sep. 2011**

Date end: **17. Sep. 2011**

Deadline: **17. Sep. 2011**

Latest assigned end date: **17. Sep. 2011 to task/ticket**

Duration budget: **3,00 days**

Estimated duration: **3,13 days** (16. Sep. 2011 17:31:26)

Still open durations: **2,00 days** (real time calculation)

Time taken: **0,55 days** (16. Sep. 2011 17:31:26)

Billable time taken: **0,55 days** (16. Sep. 2011 17:31:26)

Open durations + billable time taken: **2,55 days** (16. Sep. 2011 17:31:26)

taken: **2,55 days** (16. Sep. 2011 17:31:26)

Open durations + time taken:

Financial budget: **200,00 EUR**

Estimated timetracking costs: **312,50 EUR** (16. Sep. 2011 17:31:26)

Timetracking costs taken: **55,21 EUR** (16. Sep. 2011 17:31:26)

Total estimated costs: **312,50 EUR** (16. Sep. 2011 17:31:26)

Total real costs: **55,21 EUR** (16. Sep. 2011 17:31:26)

Profit: **-55,21 EUR**

Title	Begin	End	Duration	Time tracked	Progress	Assigned to	Status	Category	Priority	Last Modified
Presentation (Task)	14. Sep. 2011	16. Sep. 2011	1,00 day	0,26 days	<div style="width: 25,63%;">25,63%</div>	Müller, Carsten	●	+	■	2011-09-14 19:51
○ Make Screenshots from Demo Website and add them to the presentation (Ticket)	16. Sep. 2011	16. Sep. 2011	1,00 hour	0,00 hours	<div style="width: 0,00%;">0,00%</div>	Müller, Carsten	●	estimate	■	2011-09-14 19:50
○ Concept of presentation (Ticket)	14. Sep. 2011	16. Sep. 2011	1,00 hour	0,87 hours	<div style="width: 86,67%;">86,67%</div>	Müller, Carsten	✓	estimate	■	2011-09-14 19:58
○ Create presentation (Ticket)	14. Sep. 2011	16. Sep. 2011	3,00 hours	1,18 hour	<div style="width: 39,44%;">39,44%</div>	Müller, Carsten	⌚	estimate	■	2011-09-14 19:58
Demo Website with storm (Task)	13. Sep. 2011	16. Sep. 2011	1,00 day	0,25 days	<div style="width: 25,00%;">25,00%</div>	Müller, Carsten	●	+	■	2011-09-14 19:44
○ Website Setup (Ticket)	14. Sep. 2011	14. Sep. 2011	1,00 hour	1,00 hour	<div style="width: 100,00%;">100,00%</div>	Müller, Carsten	✓	estimate	■	2011-09-14 20:00
○ Demo Content and project (Ticket)	14. Sep. 2011	15. Sep. 2011	2,00 hours	0,00 hours	<div style="width: 0,00%;">0,00%</div>	Müller, Carsten	⌚	estimate	■	2011-09-14 20:01
○ Storm Setup (Ticket)	14. Sep. 2011	16. Sep. 2011	1,00 hour	1,00 hour	<div style="width: 100,00%;">100,00%</div>	Müller, Carsten	✓	estimate	■	2011-09-14 20:01
Total	13. Sep. 2011	16. Sep. 2011	2,00 days	0,51 days	<div style="width: 25,31%;">25,31%</div>					



Planning of resources

- * Who works when on which project/task/ticket?
- * Utilisation of each person per day
- * Consideration of national holidays and weekends
- * Consideration of person holidays

	12. Sep. 2011	13. Sep. 2011	14. Sep. 2011	15. Sep. 2011	16. Sep. 2011	17. Sep. 2011	18. Sep. 2011
Fritsche, Karl Holidays available: 15	0,00%	0,00%	0,00%	0,00%	100,00%	Person normally does not work on Saturdays	Person normally does not work on Sundays
Assignments							
○ Testticket 1							
○ Testticket 2							
Müller, Carsten Holidays available: 32	0,00%	10,00%	35,00%	35,00%	41,25%	41,25%	Person normally does not work on Sundays
Assignments							
○ Create presentation							
○ Demo Content and proiect							
○ Make Ticket - 0,50 hours							
○ Demo 14. Sep. 2011 - 17. Sep. 2011							
○ Presente Assigned to Müller, Carsten							
○ Presente Presentation - Projektmanagement with the storm family (Project)							
○ Presente Demo Website with storm (Task)							
	12. Sep. 2011	13. Sep. 2011	14. Sep. 2011	15. Sep. 2011	16. Sep. 2011	17. Sep. 2011	18. Sep. 2011
							Person



Project documentation and history

- * Modules
- * Features
- * Involved persons
- * Progress
- * Workarounds
- * Bugs & Change Requests

The screenshot displays a web interface for project documentation. At the top, there is a 'Description:' section with a button 'Click on clock to start timebacking' and an 'Assign' link. Below this is an 'Assignment History' section. The main content area is titled 'Comments' and contains a list of five entries, each with a title, content, and metadata (date and user). Each entry has 'delete', 'edit', and 'reply' links.

Comment Title	Content	Date	User
Do i need a concept?	Do i need a concept?	Fri, 2011-09-16 13:26	admin
what should be explained? -	what should be explained? - organizations - projects - tasks - tickets - persons - utilisation - ...	Fri, 2011-09-16 13:33	admin
- project schedule - admin	- project schedule - admin settings - costs - project balances - invoices - expenses - dependencies - ...	Fri, 2011-09-16 13:33	admin
- attributes -	- attributes - internationalization (currencies, date formats, numer formats, ...)	Fri, 2011-09-16 13:37	admin
- timetrackings real time	- timetrackings real time timetracking and tracking afterwards - teams - national holidays - person holidays - filters and saving of filters - exports - reports	Fri, 2011-09-16 13:39	admin
- planning of ressources -	- planning of resources	New Fri, 2011-09-16 13:40	admin



Tracking of working time

- * Possibility of tracking in real time
- * How much time did the project/task/ticket last?
- * Comparison of estimated time vs. real time taken
- * How much time was needed for bugfixing?
- * How much time was needed for change requests?
- * Were there other tasks not considered in the planning?

Date	Time	Duration	Person	Title	Tracked on
Total (this page)		4,05 hours			
14. Sep. 2011	20:04-20:15	0,18 hours	Müller, Carsten	Create presentation (Auto-created by QuickTT)	Create presentation (Ticket)
14. Sep. 2011	08:00-08:52	0,87 hours	Müller, Carsten	Timetracking on "Concept of presentation"	Concept of presentation (Ticket)
14. Sep. 2011	00:00-00:00	1,00 hour	Müller, Carsten	Timetracking on "Storm Setup"	Storm Setup (Ticket)
14. Sep. 2011	00:00-00:00	1,00 hour	Müller, Carsten	Timetracking on "Create presentation"	Create presentation (Ticket)
13. Sep. 2011	00:00-00:00	1,00 hour	Müller, Carsten	Timetracking on "Website Setup"	Website Setup (Ticket)

Projectmanagement with Drupal and the Storm moduls

Demo

The Moduls



The main moduls providing the node types and basic features

- * Storm
main module, contains common functions
- * Stormattribute
attributes, options and settings for storm
- * Stormorganization
provides node type organization
- * Stormperson
provides node type person
- * Stormteam
provides node type team
- * Stormproject
provides node type project



Storm - <http://drupal.org/project/storm>

- * Stormtask
provides node type task
- * Stormticket
provides node type ticket
- * Stormtimetracking
provides node type timetracking
- * Stormexpense
provides node type expense
- * Storminvoice
provides node type invoice
- * Stormknowledgebase
provides node type knowledgebase
- * Stormnote
provides node type note



An alternative JavaScript based Dashboard as overlay, accessible on every page

The screenshot displays a JavaScript-based dashboard overlay with the following components:

- Header:** Includes a 'Filter' dropdown, a home icon, 'Organizations' with a plus sign, a dropdown menu for 'Cocomore AG', and a checked 'Auto-collapse' option. There are also icons for a document, a minus sign, a refresh icon, and a pause icon.
- Main Content Area:**
 - Left Column:** Contains two panels: 'Tasks' (with a plus and minus icon) showing a list with 'Demo Website with storm' and 'Presentation' (highlighted); and 'Tickets' (with a plus and minus icon) which is currently empty.
 - Center Panel:** Displays the title 'Presentation - Projektmanagement with the storm family' with a plus and minus icon. Below it, the date and time 'Wed, 2011-09-14 07:40' and user 'admin' are shown. A 'Progress' section indicates '(Ratio of budget duration - timetrackings till now + still open durations)' at '83,54%'. A horizontal progress bar is visible below the percentage.
 - Right Column:** Contains two panels: 'Notes' (with a plus and minus icon) which is empty; and 'Timetrackings' (with a plus icon and a minus icon) which is also empty.
- Footer:** Mirrors the main content area with 'Tasks' and 'Notes' panels, and the title 'Presentation'.



Storm Quicktimetracking - http://drupal.org/project/storm_quicktt

Provides the possibility to track in real time while continuing working and surfing through storm

- My Person
- My account
- ▼ Storm
 - Currency exchange rates
 - Department Utilisation
 - Invoices
 - My tasks
 - My tickets
 - Organizations
 - Person Holidays
 - Project Schedules
 - Timetracking Favorites
 - People
 - Teams
 - Projects
 - Tasks
 - Tickets
 - Timetrackings
 - Notes

Progress
(Ratio of entered duration - timetrackings till now + still open durations)

0,00%

ID: 19
Organization: Cocomore AG
Task: Presentation
Project: Presentation - Projektmanagement with the storm

Category: estimate
Status: inserted
Priority: normal
Assigned to: Müller, Carsten

Author: Add to timetracking favorites

Created: 14. Sep. 2011 - 19:50:50

Date begin: 16. Sep. 2011
Date end: 17. Sep. 2011

Entered duration: 1,00 hour
Time taken: 0,00 hours (last update: 15. Sep. 2011 19:35:05)

Open durations + time taken: 0,00 hours (last update: 15. Sep. 2011 19:35:05)

Estimated costs: 12,50 EUR (15. Sep. 2011 19:35:05)
Tracking costs: 12,50 EUR (15. Sep. 2011 19:35:05)

Description:

Timetracking is active for Ticket Make Screenshots from Demo Website and add them to the presentation.

Take a note:

Started Fri, 2011-09-16 17:05 Elapsed time: 2min ⏸ ✖



Add ons, new features and improvements on the storm moduls

- * Storm Contrib
Just a container module
- * Storm Extension
Common extensions and modifications on storm
- * Storm Contrib Common
Common functions for all storm contrib moduls
- * Apachesolr Storm Search
Provides an apache solr search integration for searching storm content
- * Storm Exports
Provides the possibility to export lists
- * Storm Contrib Filter
Provides the possibility to save filter settings



- * Stormorganization Extension
Extensions and modifications on the stormorganization module
- * Stormproject Extension
Extensions and modifications on the stormproject module
- * Stormtask Extension
Extensions and modifications on the stormtask module
- * Stormticket Extension
Extensions and modifications on the stormticket module
- * Stormtimetracking Extension
Extensions and modifications on the stormtimetracking module
- * Storm Dependencies
Provides the possibility to assign dependencies between tickets and tasks



Storm Contrib - http://drupal.org/project/storm_contrib

- * Stormteam Extension
Extensions and modifications on the stormteam module
- * Stormperson Extension
Extensions and modifications on the stormperson module
- * Storm Holidays
Provides the possibility considering national holidays
- * Stormperson Holidays
Provides the possibility considering holidays of persons
- * Stormperson Utilisation
Provides utilisation calculation of persons
- * Stormtimetracking Favorites
Provides a page of favorite contents for easy timetracking on multiple projects or tasks which are often needed



- * Stormticket Assignment
Add ons for assigning tasks and tickets to persons

- * Stormticket Assignment Jsapp
in development – drag&drop feature for easy assigning tasks and tickets

- * Storm Dashboard Modification
Modifications on the dashboard

- * Stormnote Extension
Extensions and modifications on the stormnote module



Storm Contrib - http://drupal.org/project/storm_contrib

- * Storminvoice Extension
Extensions and modifications on the storminvoice module
- * Stormexpense Extension
Extensions and modifications on the stormexpense module
- * Storm Contrib Costs
Calculation of costs



- * Documentation of Storm
<http://drupal.org/node/437426>
- * Documentation of Storm Contrib
<http://drupal.org/node/817982>

Any questions?

Some questions for you

- * What are your main problems?
- * Do you have improvement suggestions?