

# Jobsworth Project Management 4.0

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jw40doc.140120

# Jobsworth Project Management 4.0: Installation and Manual

jw40doc.140120

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Wolfram Plettscher

[mail://git61@safe-mail.net](mailto:git61@safe-mail.net) 

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# Preface

Welcome to the jobsworth project management, support ticketing and CRM system. This software is licensed under the AGPLv3.

Jobsworth can be used for helpdesk support ticketing, customer liasion, resource management (eg. systems and password tracking) and has a range of CRM type functionality. Plan your projects, see your schedule, know if you're slipping behind and why. Time Tracking and extensive reports help you show your clients exactly what you've done and for how long.

- no restrictions or limits
- interactive gantt chart & scheduling
- flexible reporting
- tracks and indexes all changes
- notifications via email, rss & ical
- ldap integration
- accounting / billing system integration
- custom attributes
- inbound and outbound email integration
- sophisticated access control
- services (SLA)
- resources
- .. much much more

Further project details can be seen at [Ohloh \(https://www.ohloh.net/p/jobsworth\)](https://www.ohloh.net/p/jobsworth) .

## Support

The primary support is through the [mailing list \(https://groups.google.com/forum/#!forum/jobsworth\)](https://groups.google.com/forum/#!forum/jobsworth) or if you have a bug report, [create an issue \(https://github.com/ari/jobsworth/issues\)](https://github.com/ari/jobsworth/issues) in the tracker. If you want to write up details of a new feature you'd like to see, please use the wiki [wiki \(https://github.com/ari/jobsworth/wiki\)](https://github.com/ari/jobsworth/wiki) .

## Contributing

Code contributions are welcome to this project and the best way to go about it is to fork the git repository:

```
https://github.com/ari/jobsworth
```

Please read the DEVELOPMENT.md file in this directory for more information. Join the [developer mailing list \(https://groups.google.com/forum/#!forum/jobsworth-dev\)](https://groups.google.com/forum/#!forum/jobsworth-dev)  to discuss ideas or ask questions.

# 1 Installation

The base installation of Jobsworth 4.0 is very easy (big improvement to previous releases), once a server with some SQL-database and a servlet container has been set up. For those of you not setting up such servers frequently, I have added some more screenshots and commands, that might help you speeding up the installation process.



## Note

The following installation instructions are based on FreeBSD® 9.2. Other Unix-like operating systems may also work, once a LAMP server has been set up. Especially pathes to configuration files differ in various distributions from FreeBSD® and have to be adapted individually.

First of all get an operating system on a dedicated machine running. Typically Jobsworth only uses server functionality, therefore a graphical user interface (e.g. Gnome or KDE) is not necessary. If you are new to server installation, such GUI would help you to find your way around (e.g. looking on the web for HowTo's).

## 1.1 Database

Install the database-server package. You can either use `mysql` or `postgresql`. The following example shows the setup of `mysql`. After invoking `mysql` from the command-line you should see a screen like this:

```
$ mysql
Welcome to the MySQL monitor. Commands end with -; or \g.
Your MySQL connection id is 6
Server version: 5.5.33 Source distribution

Copyright (c) 2000, 2013, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
```

Type -'help;' or -'\h' for help. Type -'\c' to clear current input statement.

mysql>



## Important

If you see any minus-signs in the screenshot above: This is some unresolved rendering error problem (for PDFs only?). Be aware that those minus-signs shall NOT be typed as part of the configuration scripts that will follow.

Now type in the following commands to create the jobsworth database and an admin-user. Feel free to adjust database-name, user-id and password and note it for later configuration. Then quit mysql-console.

```
CREATE DATABASE mydb DEFAULT CHARACTER SET utf8
CREATE USER -'monty'@'localhost' IDENTIFIED BY -'some_pass';
GRANT ALL PRIVILEGES ON *.* TO -'monty'@'localhost' WITH GRANT OPTION
quit
```



## Note

At a later stage in this installation process Jobsworth will setup all tables and initial data on its first call.

To enable the start of mysql during start of your server, the following entry has to be inserted into your startup configuration file (e.g. /etc/rc.conf)

```
mysql_enable="YES"
```

## 1.2 Apache

description t.b.d.

In any browser type in the URL of your Jobsworth server. For example:

```
http://172.20.50.4
```

A simple screen shows, that Apache is running.



**It works!**

FIGURE 1.1: **APACHE WORKS**

## 1.3 Servlet container

t.b.d.

In any browser type in the URL of your Jobsworth server followed by port 8080. For example:

```
http://172.20.50.4:8080
```

If you see the following screen, your Tomcat installation has been successful.



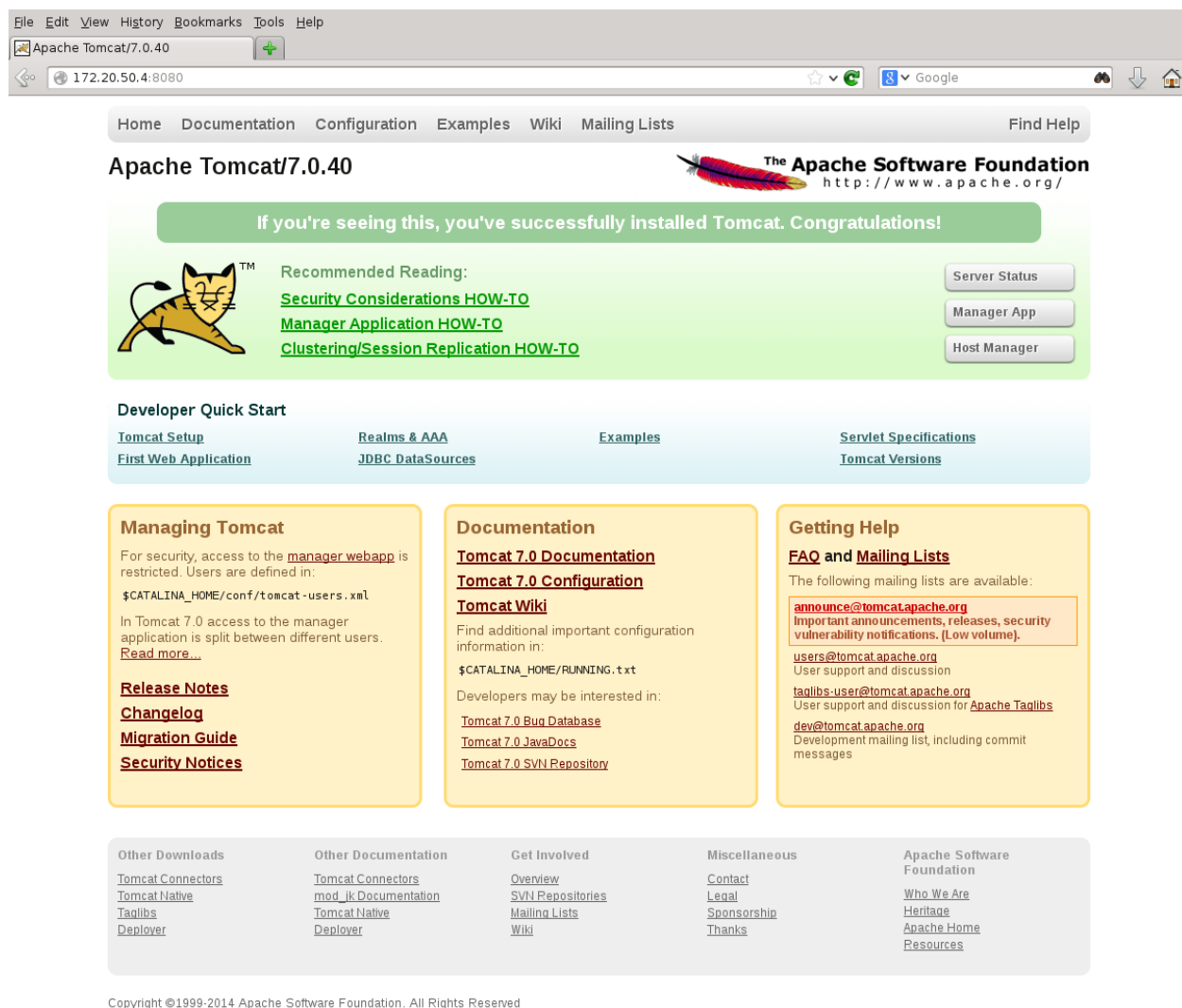


FIGURE 1.2: TOMCAT WORKS

## 1.4 E-Mail

t.b.d.

## 1.5 Jobsworth

t.b.d.

## 2 Administration

### Administration-Guide

### 2.1 Login

After you have successfully managed the installation part, it's time to login and start exploring Jobsworth 4.0.

Open the browser of your choice (currently supported are: Internet Explorer, Firefox, Chrome) and type in the URL of your Jobsworth server followed by port 8080. For example:

```
http://172.20.50.4:8080
```

This will lead you to the following login screen.



Sign in

Invalid user or password

Username

Password

☐ Remember me

[Forgot your password?](#)

FIGURE 2.1: LOGIN



### Important

The default user after installation is *admin/password* . For security reasons change the password as soon as possible.

## 2.2 Menu Items

Jobsworth needs some basic preparation (e.g. project and company setup), before each function can be used. Nevertheless the Author decided to describe the menu in the order it appears on the screen. A kind of workflow may be added later.

## 2.2.1 Overview

### 2.2.1.1 Dashboard

here we are

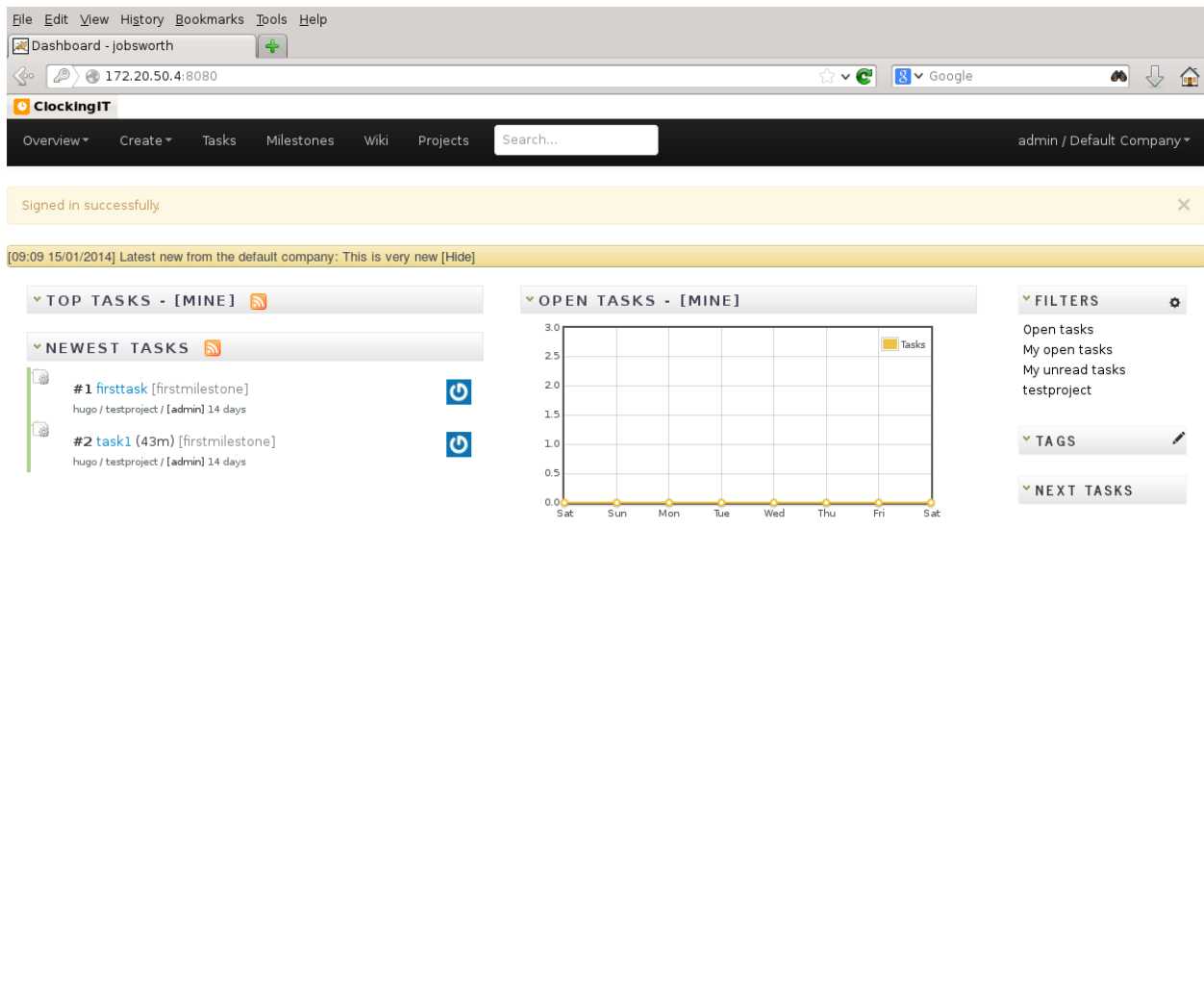


FIGURE 2.2: DASHBOARD

### 2.2.1.2 Planning

This screen will allow you to plan your tasks.



## Note

This screen looks pretty empty after install and will make sense, once some tasks have been generated.

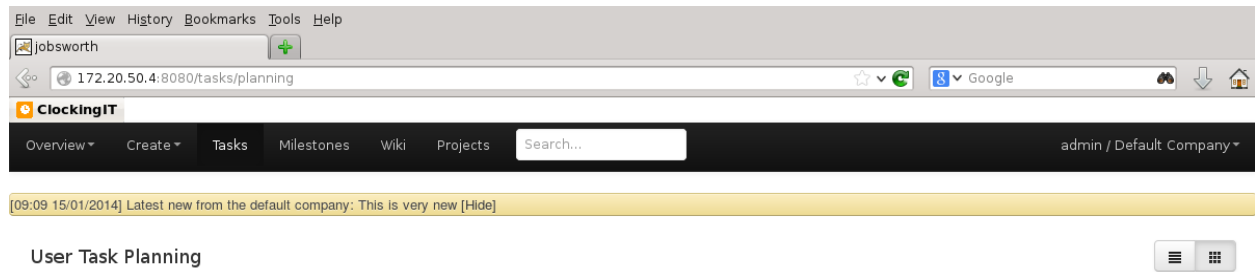


FIGURE 2.3: PLANNING

## 2.2.1.3 Billing

The screenshot shows a web browser window with the address bar displaying "172.20.50.4:8080/billing/list". The browser's address bar also shows "Billing - jobsworth" and a search bar with "Google". The page title is "ClockingIT". The navigation bar includes links for "Overview", "Create", "Tasks", "Milestones", "Wiki", and "Projects", along with a search bar and a user profile "admin / Default Company". A yellow notification bar at the top reads "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]". The main content area is titled "Billing Reports" and contains a form with the following elements:

- A dropdown menu labeled "Time Sheet" with "Time Sheet" selected.
- A "Report filter" section with four dropdown menus: "[Any Project]", "[Any User]", "[ All ]", and "This Week".
- Two checkboxes: "Hide approved logs" and "Hide rejected logs", both of which are unchecked.
- A blue "Run Report" button.

FIGURE 2.4: BILLING

## 2.2.1.4 History

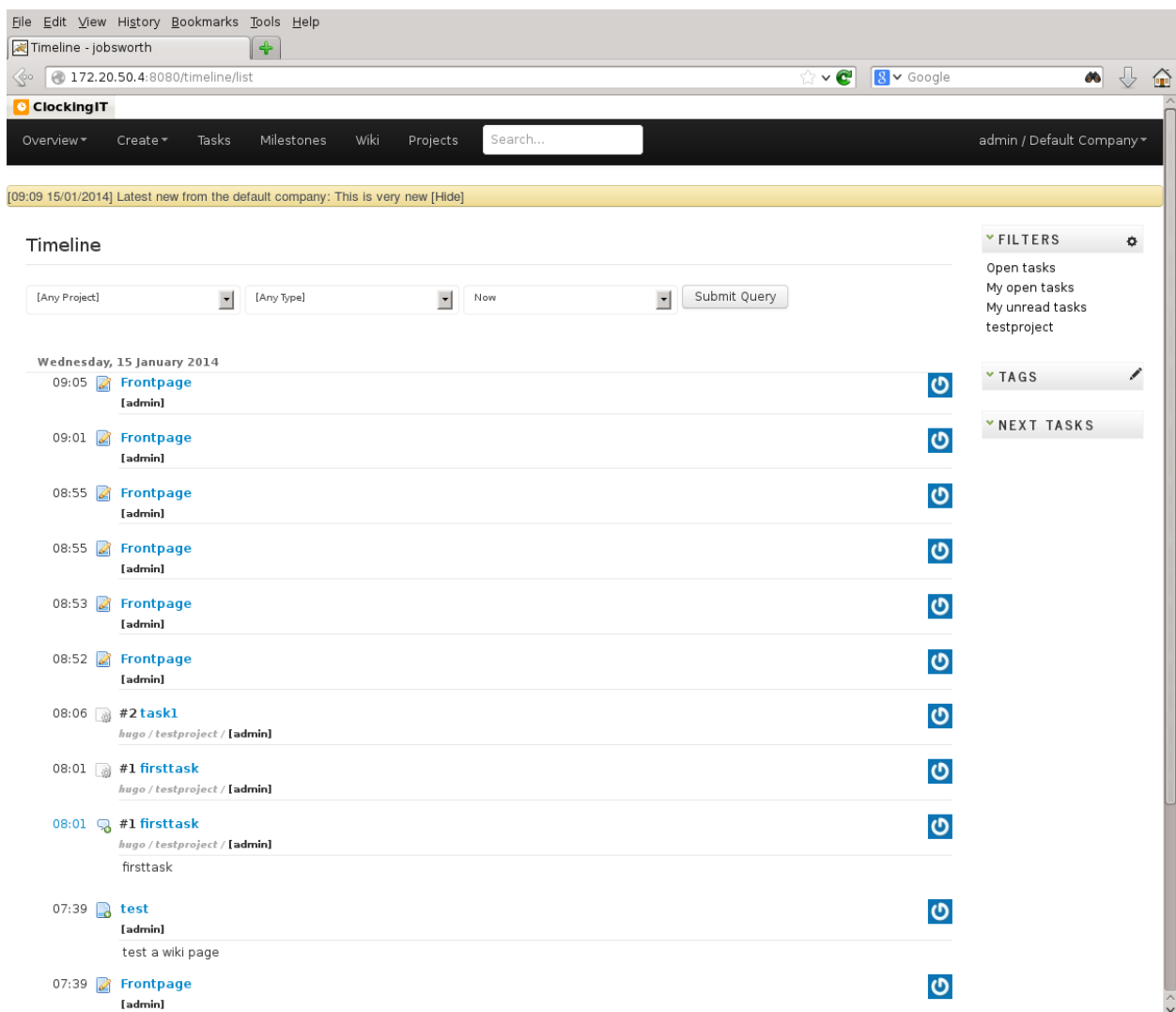


FIGURE 2.5: HISTORY

## 2.2.2 Create

### 2.2.2.1 Create Task

The screenshot shows a web browser window titled "New Task - jobsworth" with the URL "172.20.50.4:8080/tasks/new". The browser's address bar shows "172.20.50.4:8080/tasks/new". The page has a dark header with the "ClockingIT" logo and navigation links: Overview, Create, Tasks, Milestones, Wiki, Projects, and a search bar. The user is logged in as "admin / Default Company".

The main content area is titled "Enter task name..." and contains a form for creating a new task. The form includes the following sections:

- Task Name:** A text input field labeled "Enter task name...".
- Task Description:** A text input field labeled "Enter task description...".
- Task Details:** A section with dropdown menus for Project (Please select), Milestone (None), Time Estimate (1h (default)), Target Date, and Resolution (Open).
- Attributes:** A section with dropdown menus for Tags, Type (Task), Priority (Normal), Severity (Normal), and Service (None). A "billable" checkbox is also present.
- Notifications:** A section with a "Companies" dropdown and a "Users To Notify" list containing "admin".
- Snooze until:** A section with a "Until customer responds" checkbox and a "Snooze until" date picker.
- Resources:** A section with a "Linked Resources" dropdown.

A "Save" button is located at the bottom of the form. On the right side of the form, there are three panels: "FILTERS" (Open tasks, My open tasks, My unread tasks, testproject), "TAGS" (with a pencil icon), and "NEXT TASKS".

FIGURE 2.6: CREATE TASK



## 2.2.2.2 Create Project

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/projects/new'. The browser's title bar says 'New Project - jobsworth'. The page header for 'ClockingIT' includes navigation links: Overview, Create, Tasks, Milestones, Wiki, and Projects, along with a search bar and a user profile 'admin / Default Company'. A yellow status bar at the top of the page shows a timestamp and a message: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The main content area is titled 'New Project' and contains a form with the following fields: 'Name' (text input), 'Company' (text input with a selection icon), 'Default Estimate' (text input with '1.0'), 'Description' (large text area), and 'Copy permissions from' (dropdown menu with 'None' selected). A blue 'Create' button is at the bottom of the form. On the right side, there are three expandable sections: 'FILTERS' (containing 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'), 'TAGS' (with an edit icon), and 'NEXT TASKS'.

FIGURE 2.7: CREATE PROJECT

### 2.2.2.3 Create Milestone

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/milestones/new'. The browser's address bar also shows 'New Milestone : jobsworth' and a green plus icon. The browser's menu bar includes 'File', 'Edit', 'View', 'History', 'Bookmarks', 'Tools', and 'Help'. The browser's status bar shows 'Google' and a search icon. The application's header bar is black with the 'ClockingIT' logo on the left and a search bar on the right. The header bar also contains navigation links: 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects'. The user's name 'admin / Default Company' is displayed on the right. A yellow banner at the top of the page reads '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The main content area is titled 'New Milestone' and contains a form with the following fields: 'Project' (a dropdown menu with 'testproject' selected), 'Name' (a text input field), 'Status' (a dropdown menu with 'planning' selected), 'Due Date' (a text input field), and 'Description' (a large text area). Below the form is a blue 'Create' button. On the right side of the form, there are three sections: 'FILTERS' (with a gear icon), 'TAGS' (with a pencil icon), and 'NEXT TASKS'. The 'FILTERS' section lists 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'. The 'TAGS' section is empty. The 'NEXT TASKS' section is empty.

File Edit View History Bookmarks Tools Help

New Milestone : jobsworth

172.20.50.4:8080/milestones/new

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search...

admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

### New Milestone

Project testproject

Name

Status planning  
planning (can add tasks, all tasks are snoozed)

Due Date

Description

Create

FILTERS

- Open tasks
- My open tasks
- My unread tasks
- testproject

TAGS

NEXT TASKS

FIGURE 2.8: CREATE MILESTONE

## 2.2.2.4 Create Person

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/users/new'. The browser's user interface includes a menu bar (File, Edit, View, History, Bookmarks, Tools, Help), a toolbar with a search icon, and a status bar showing 'admin / Default Company'. The page title is 'ClockingIT'. The main content area is titled 'New user' and contains a form with the following fields and controls:

- Name:** A text input field.
- Email:** A text input field.
- Username:** A text input field.
- Password:** A text input field.
- Company:** A text input field with a small circular icon to its right.
- color:** A dropdown menu currently showing 'blue'.
- Send welcome email:** A checkbox.
- Signup Message:** A large text area with the placeholder text 'input welcome message here'. Below the text area, a small note reads: 'The message will be included in the signup email.'
- Copy permissions from:** A dropdown menu currently showing 'No one'.

At the bottom of the form is a blue 'Create' button.

FIGURE 2.9: CREATE PERSON

## 2.2.2.5 Create Company

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/customers/new'. The browser's address bar also shows 'New Customer - jobsworth' and a green plus icon. The browser's search bar contains 'Google'. The application's header bar is black with the 'ClockingIT' logo on the left and a search bar on the right. The header bar also contains navigation links: 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects'. The user is logged in as 'admin / Default Company'. A yellow notification bar at the top of the main content area displays the message: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The main content area is titled 'New Customer' and contains a form with the following fields: 'Name' (text input), 'Contact name' (text input), and 'Active' (checkbox, checked). A blue 'Create' button is located at the bottom of the form. On the right side of the main content area, there are three expandable sections: 'FILTERS' (with a gear icon), 'TAGS' (with a pencil icon), and 'NEXT TASKS'. The 'FILTERS' section is expanded and shows a list of filters: 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'. The 'TAGS' section is also expanded and shows a list of tags: 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'. The 'NEXT TASKS' section is collapsed.

FIGURE 2.10: CREATE COMPANY

## 2.2.2.6 Create Resource

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/resources/new'. The browser's title bar says 'New Resource - New Resource - j...'. The page header for 'ClockingIT' includes a navigation menu with 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and a user profile 'admin / Default Company'. A status bar at the top shows a timestamp and a message: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The main content area is titled 'New Resource' and contains several input fields: 'Name', 'Company' (with a link icon), 'Parent Resource', 'Type' (a dropdown menu), 'Active' (a checked checkbox), and 'Notes' (a large text area). To the right of the form are three expandable sections: 'FILTERS' (containing 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'), 'TAGS' (with an edit icon), and 'NEXT TASKS'. At the bottom of the form, under the 'Attributes' section, is a blue 'Create' button.

FIGURE 2.11: CREATE RESOURCE

## 2.2.3 Tasks

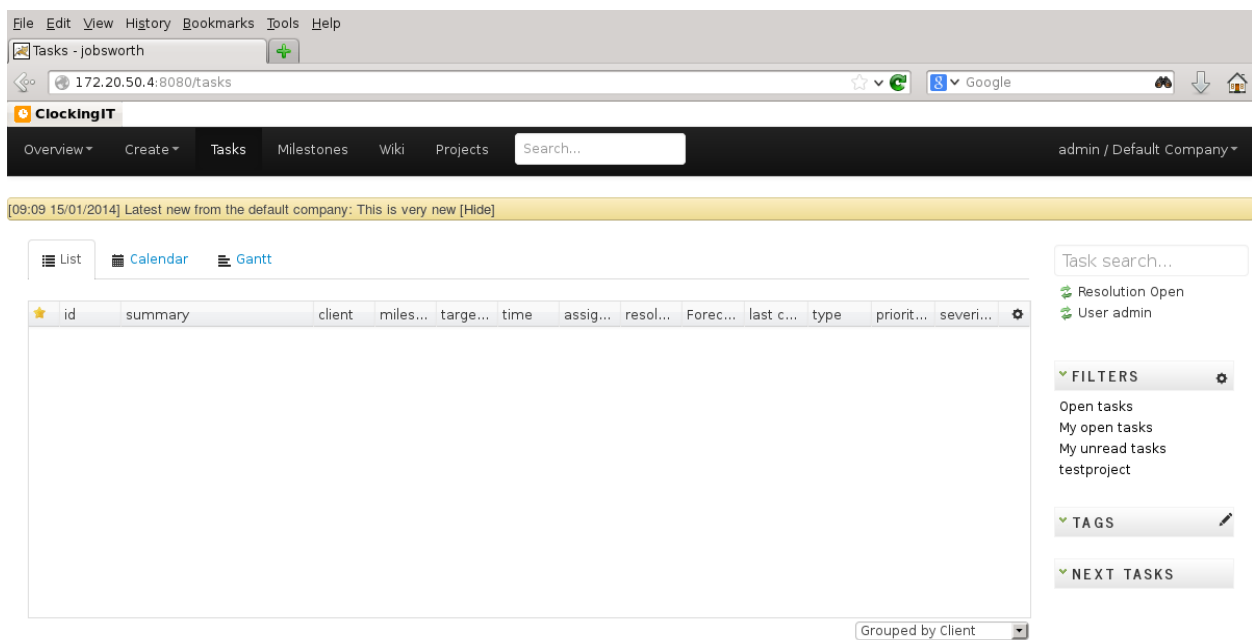


FIGURE 2.12: TASKS

## 2.2.4 Milestones

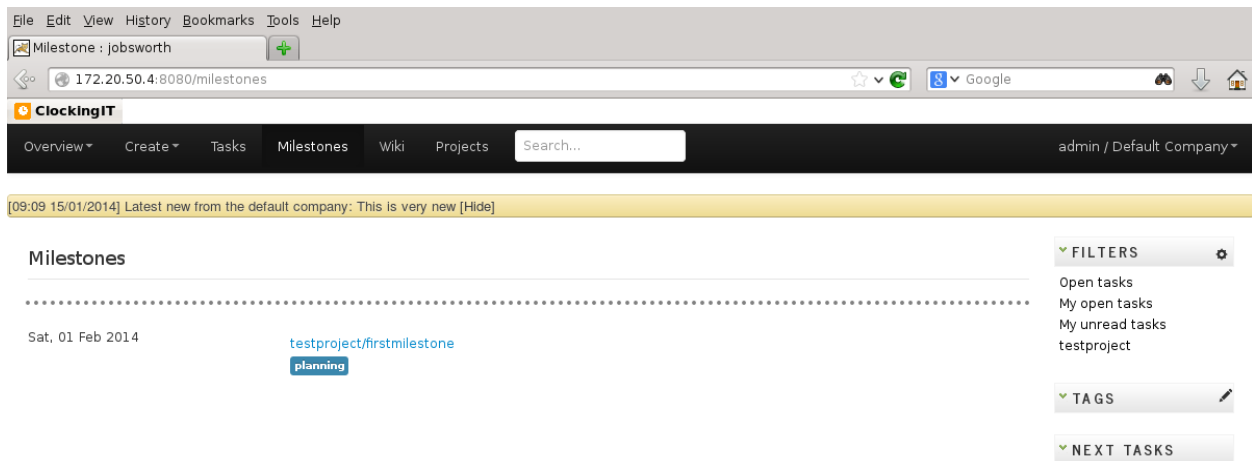


FIGURE 2.13: MILESTONES

## 2.2.5 Wiki

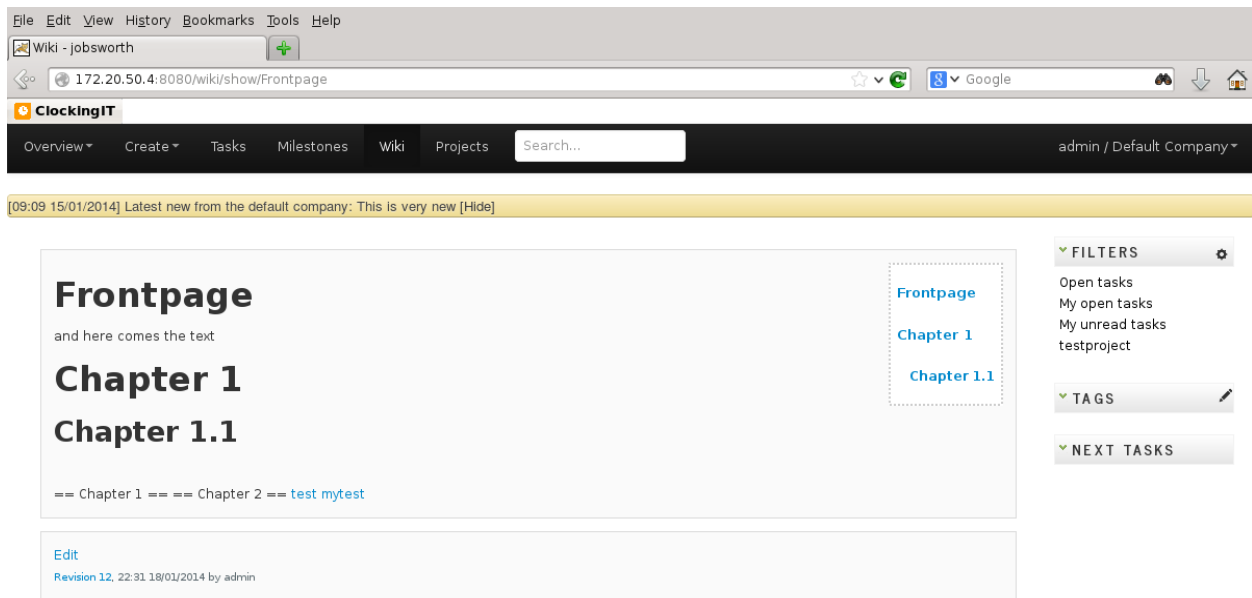


FIGURE 2.14: WIKI



## 2.2.6 Projects

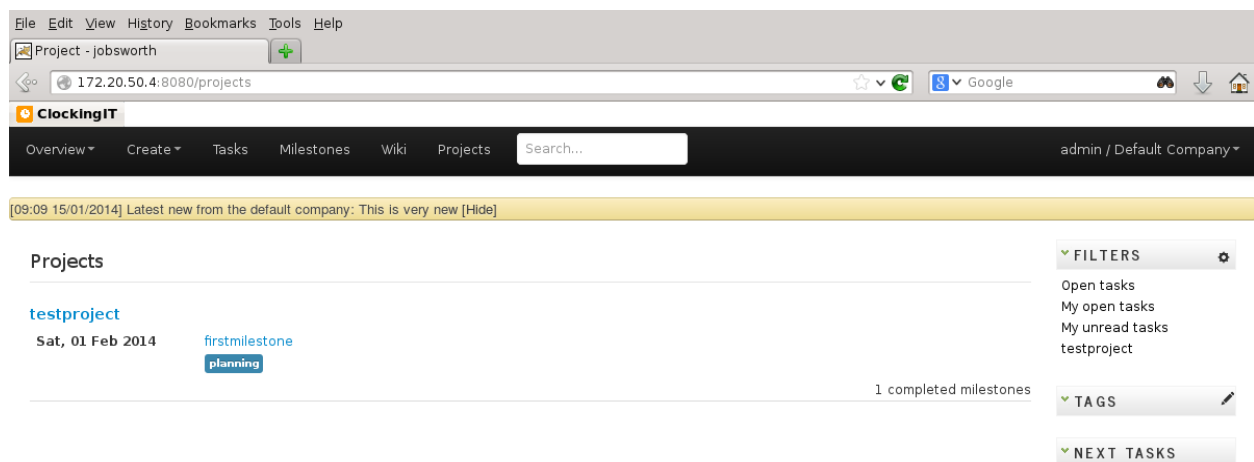


FIGURE 2.15: PROJECTS

## 2.2.7 MyAccount

### 2.2.7.1 General

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/users/1/edit'. The browser's user agent string is 'User: admin - jobsworth'. The page title is 'ClockingIT'. The navigation bar includes links for 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and the user's name 'admin / Default Company'. A yellow banner at the top of the main content area reads '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. On the left, a sidebar menu lists 'ADMIN' (selected) and its sub-items: 'General' (selected), 'Access Control', 'Email Addresses', 'Task Filters', 'Projects Permissions', and 'Work Plan'. The main content area is titled 'admin' and features a 'View Tasks' button. The settings are organized into a list of fields with their current values and input types:

Field	Value
Name	admin
Username	admin
Password	
Company	
color	blue
New Avatar	Browse... No file selected. <small>(Will be resized to 25x25 and 50x50 while preserving aspect ratio)</small>
Language	en
Location	UTC
Receive Notifications	<input checked="" type="checkbox"/>
Receive Own Notifications	<input checked="" type="checkbox"/>
Automatically add this user to tasks for	<input type="checkbox"/>
Active	<input checked="" type="checkbox"/>
Time Format	16:00
Date Format	21/1/2007
Track Time	<input checked="" type="checkbox"/>
Show Avatars	<input checked="" type="checkbox"/>

FIGURE 2.16: GENERAL

## 2.2.7.2 Access Control

The screenshot shows the ClockingIT web application interface. The browser address bar displays '172.20.50.4:8080/users/1/access'. The application header includes a menu with 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and the user 'admin / Default Company'. A notification bar at the top states: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. On the left, the 'ADMIN' sidebar has 'Access Control' selected. The main content area is titled 'admin' and contains a list of permissions with checkboxes: 'Administrator', 'Can Create Projects', 'Read client details', 'Create clients', 'Edit client details', 'Approve work logs', and 'Access Resources', all of which are checked. Below these is a 'Comment access level' dropdown menu and a 'Widget Key' field with the value '916feaf369f78f88e1c8fd70a9f7f3e0'. A 'Save' button is at the bottom.

Permission	Status
Administrator	<input checked="" type="checkbox"/>
Can Create Projects	<input checked="" type="checkbox"/>
Read client details	<input checked="" type="checkbox"/>
Create clients	<input checked="" type="checkbox"/>
Edit client details	<input checked="" type="checkbox"/>
Approve work logs	<input checked="" type="checkbox"/>
Access Resources	<input checked="" type="checkbox"/>

Comment access level:

Widget Key: 916feaf369f78f88e1c8fd70a9f7f3e0

[Save](#)

FIGURE 2.17: ACCESS CONTROL

## 2.2.7.3 E-Mail Addresses

The screenshot shows the ClockingIT web application interface. The browser address bar displays '172.20.50.4:8080/users/1/emails'. The application header is identical to the previous screenshot. The 'ADMIN' sidebar on the left has 'Email Addresses' selected. The main content area is titled 'admin' and shows the email address 'admin@example.org' with a 'Default' tag. Below this is an input field labeled 'input email address' and an 'Add' button.

admin@example.org Default

[Add](#)

FIGURE 2.18: E-MAIL ADDRESSES

## 2.2.7.4 Task Filters

The screenshot shows the ClockingIT web application interface. The browser address bar displays '172.20.50.4:8080/users/1/filters'. The navigation bar includes 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and the user 'admin / Default Company'. A sidebar on the left lists administrative options: 'ADMIN', 'General', 'Access Control', 'Email Addresses', 'Task Filters' (highlighted), 'Projects Permissions', and 'Work Plan'. The main content area is titled 'admin' and 'Shared filters', indicating that no filters have been shared. Below this, the 'My filters' section shows a single filter named 'testproject Shared' with 'Hide' and 'Delete' options. A 'View Tasks' button is located in the top right corner.

FIGURE 2.19: TASK FILTERS

## 2.2.7.5 Projects Permissions

The screenshot shows the ClockingIT web application interface for the 'Projects Permissions' page. The browser address bar displays '172.20.50.4:8080/users/1/projects'. The navigation bar and sidebar are consistent with the previous screenshot, with 'Projects Permissions' highlighted in the sidebar. The main content area is titled 'admin' and features a 'New user' button. A table lists permissions for the 'testproject' across various actions. All permissions are granted, indicated by green checkmarks. Below the table, there is a section to 'Add project to user' with an input field.

Project	Read	Comment	Work	Close	See Unwatched	Create	Edit	Assign	Milestone	Reports	Grant	All
testproject	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FIGURE 2.20: PROJECTS PERMISSIONS

## 2.2.7.6 Work Plan

The screenshot displays the ClockingIT application interface. At the top, a browser window shows the URL `172.20.50.4:8080/users/1/workplan` and the user `admin - jobsworth`. The application header includes navigation links: Overview, Create, Tasks, Milestones, Wiki, Projects, and a search bar. The user is logged in as `admin / Default Company`.

On the left sidebar, the `ADMIN` section is expanded, showing options like General, Access Control, Email Addresses, Task Filters, Projects Permissions, and **Work Plan**.

The main content area for the `admin` user includes a **New user** button and two sections:

- Recent work**: A list of tasks with their status and time spent.

Status	Task ID	Task Name	Time Spent
last Wed	#2	task1	43m spent
last Wed	#2	task1	43m spent
last Wed	#1	firsttask	0m spent
last Wed	#1	firsttask	0m spent
- Next Tasks**: A section for upcoming tasks, currently empty.

Below these sections is the **Work Plan** table, which shows the number of hours worked per day for the current week.

Mon	Tue	Wed	Thu	Fri	Sat	Sun
8.0	8.0	8.0	8.0	8.0	0.0	0.0

An **Update** button is located below the table.

FIGURE 2.21: WORK PLAN

## 2.2.8 Company Admin

### 2.2.8.1 General

File Edit View History Bookmarks Tools Help

Company Settings - jobsworth

172.20.50.4:8080/companies/1/edit

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search... admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

**ADMIN PANEL**

- General
- Score Rules
- Task Templates
- Triggers
- Services
- News items
- Snippets
- Orphaned Emails

**PROPERTIES**

- Person
- Company
- Company Location
- Work Log
- Task
- Resource Type

### Company Settings

Company name: Default Company

Use Wiki: ☒

Use Resources: ☒

Use Billing: ☒

Use Score Rules: ☒

Suppressed email addresses:

(seperate emails by comma or new line)

Incoming Email Project:

New Logo:  No file selected.

(250x50px should look good. The logo will be shown up top instead of the Jobsworth one, and on your login page.)

FIGURE 2.22: GENERAL

## 2.2.8.2 Score Rules

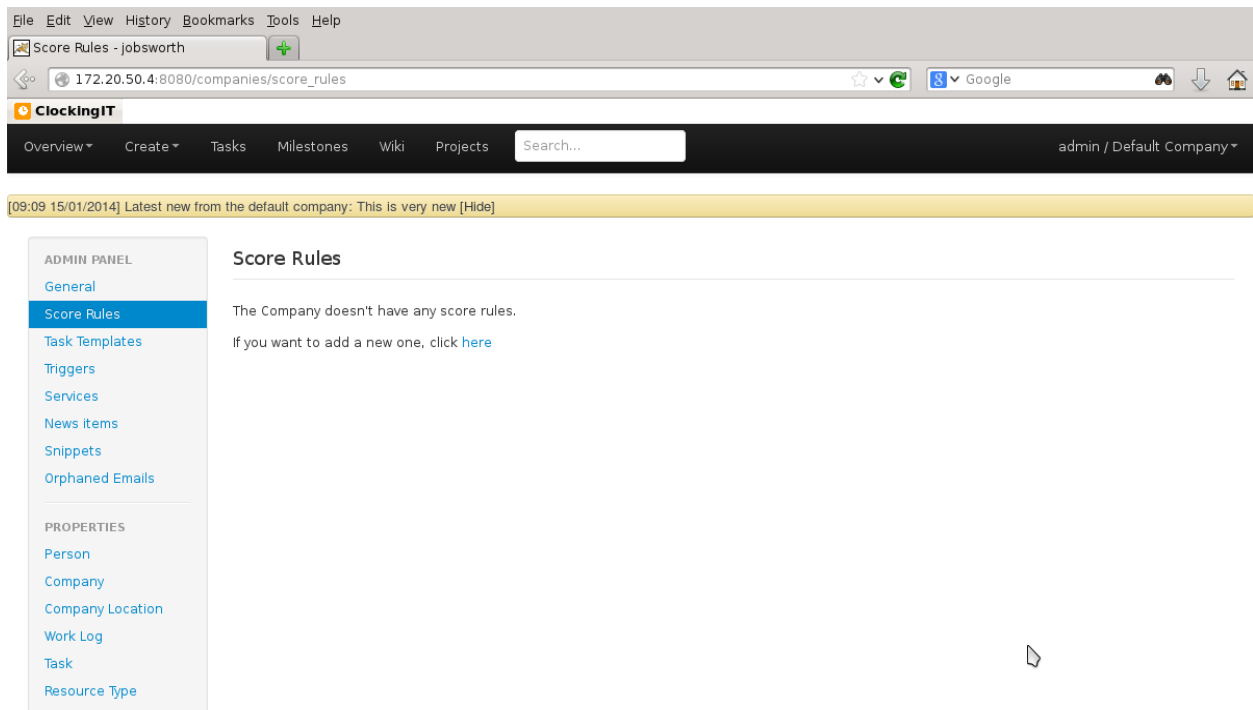


FIGURE 2.23: SCORE RULES

## 2.2.8.3 Task Templates

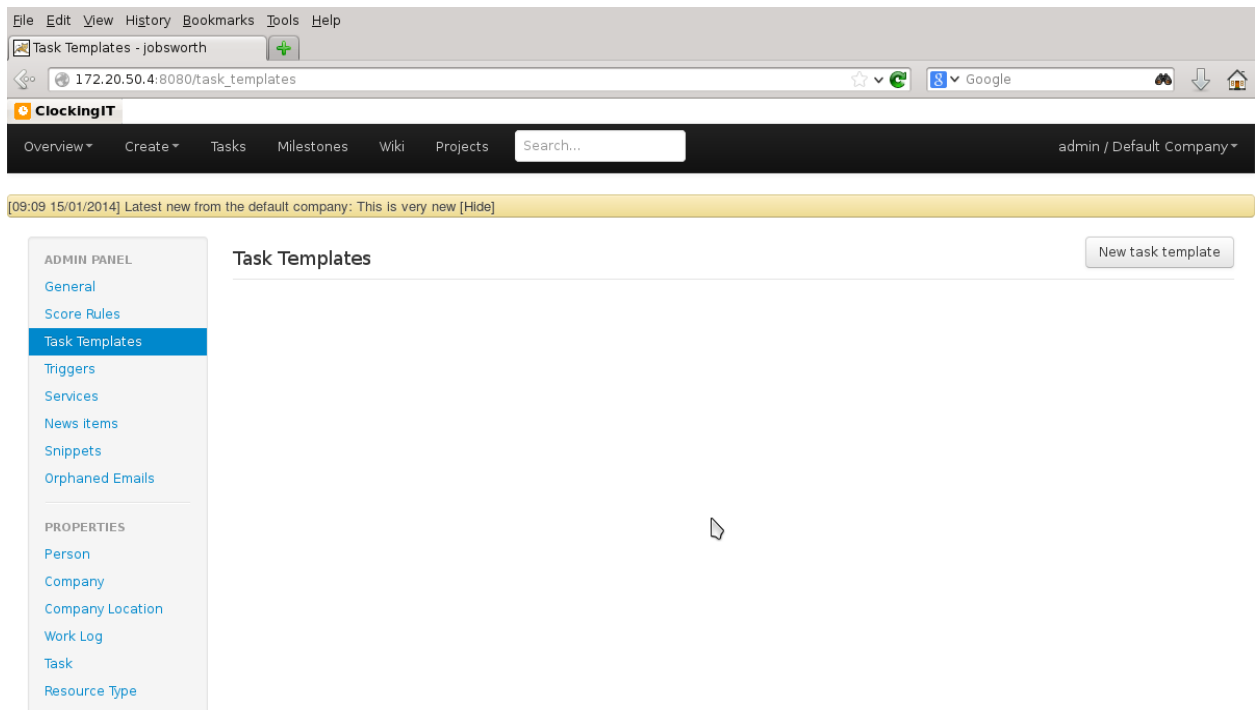


FIGURE 2.24: TASK TEMPLATES



File Edit View History Bookmarks Tools Help

New Task - jobsworth

172.20.50.4:8080/task\_templates/new

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search... admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

Enter task name...

Add a todo item...

Project Please select

Milestone [None]

Time 1h (default)

Estimate

Target Date

Resolution Open

Save

Enter task description...

FILTERS

Open tasks

My open tasks

My unread tasks

testproject

TAGS

NEXT TASKS

Attributes

Tags

Type Task

Priority Normal

Severity Normal

Service [None]

billable

Notifications

Companies

Users To Notify

admin

FIGURE 2.25: NEW TASK TEMPLATE

## 2.2.8.4 Triggers

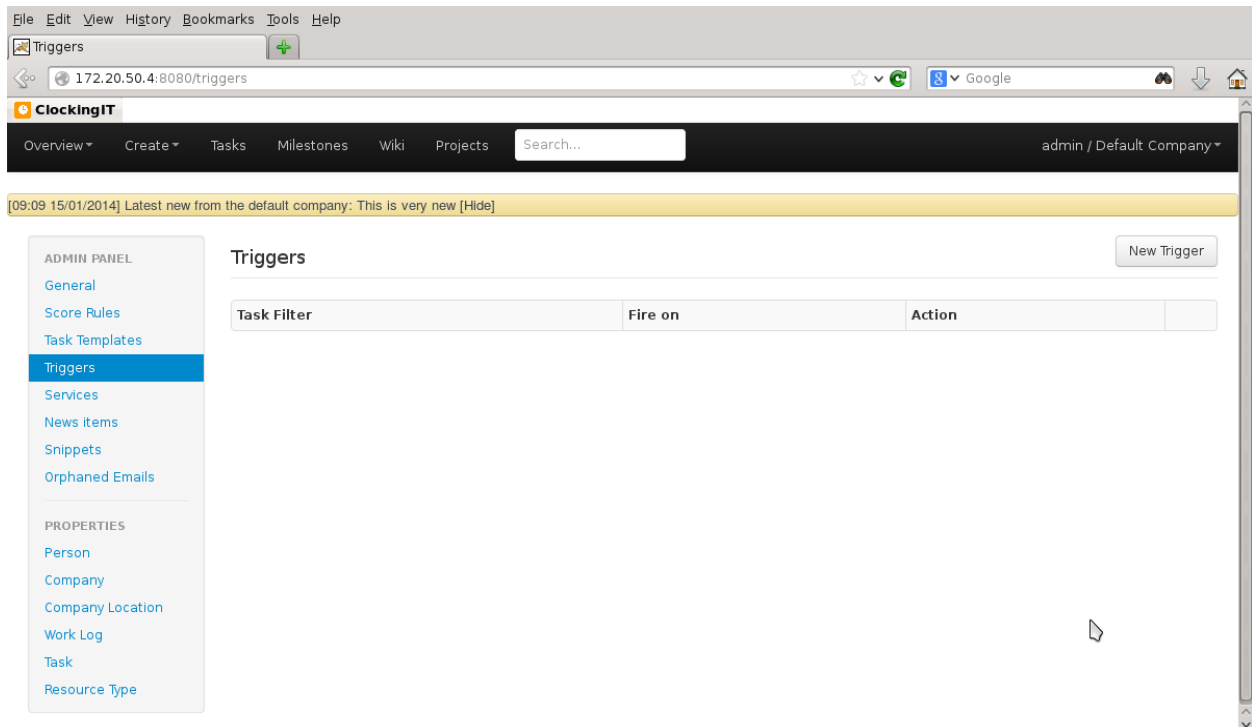


FIGURE 2.26: TRIGGERS

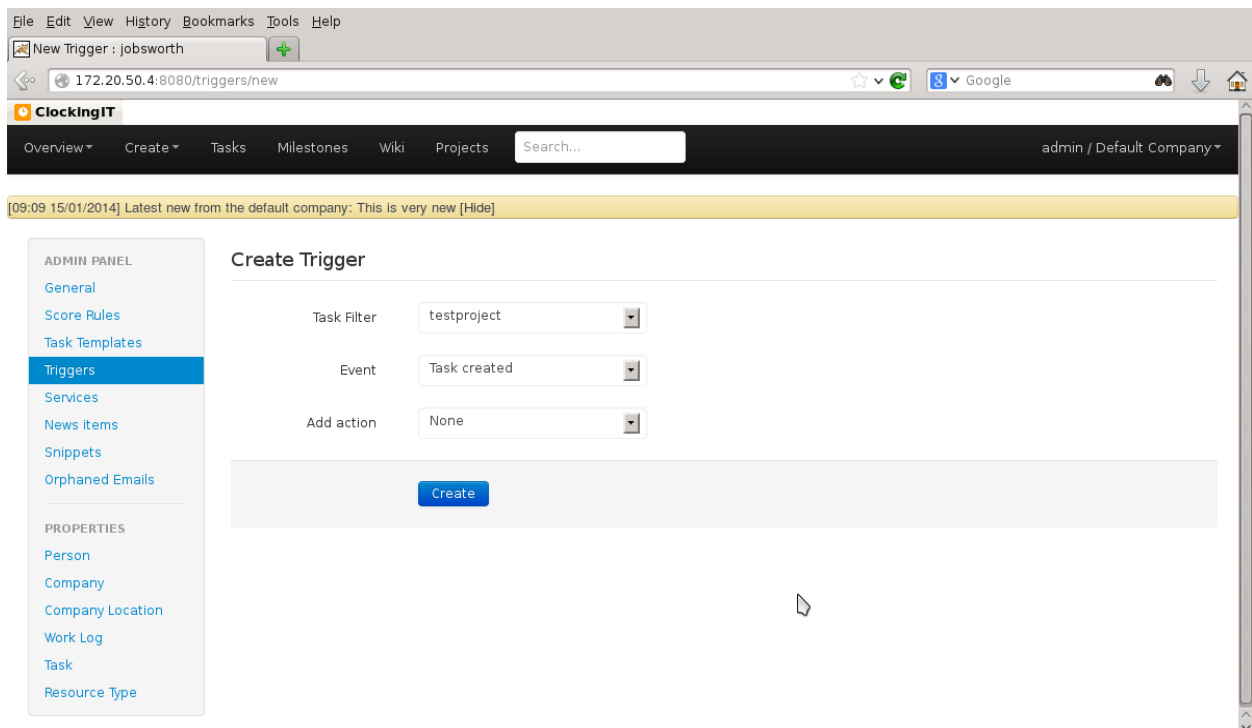


FIGURE 2.27: NEW TRIGGER

## 2.2.8.5 Services

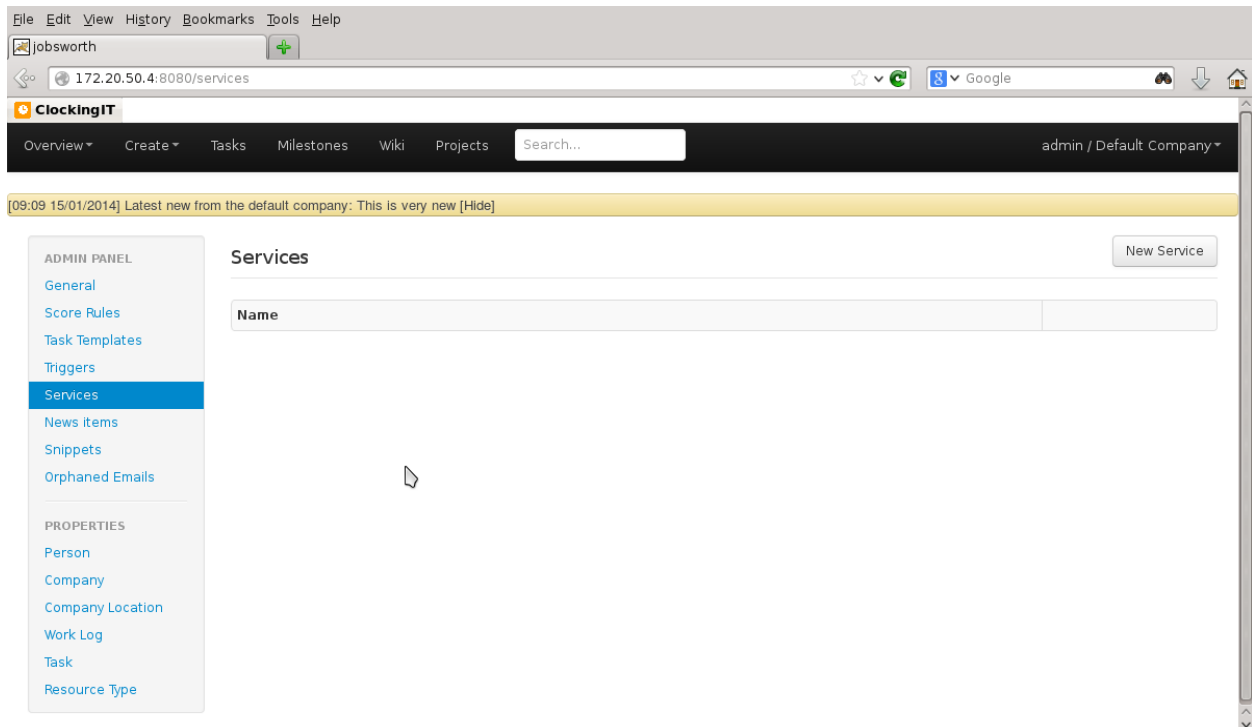


FIGURE 2.28: SERVICES

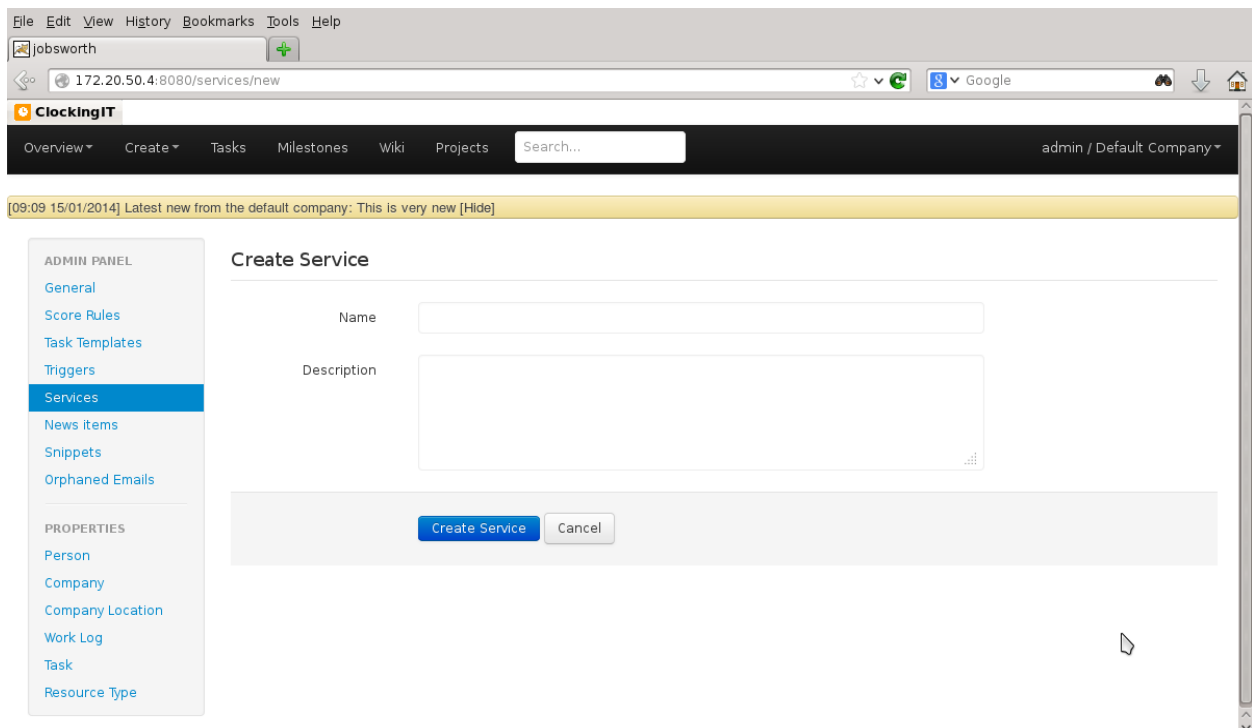


FIGURE 2.29: NEW SERVICE

## 2.2.8.6 News Items

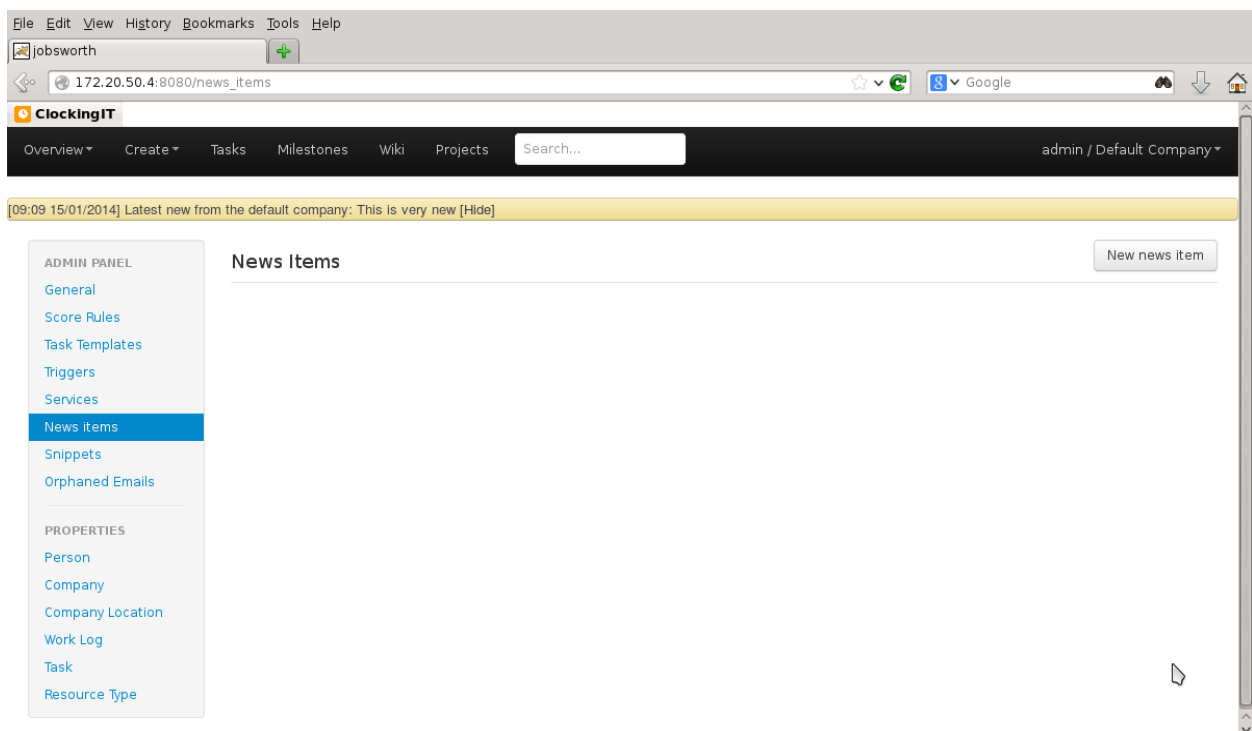


FIGURE 2.30: NEWS ITEMS

File Edit View History Bookmarks Tools Help

jobsworth

172.20.50.4:8080/news\_items/new

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search... admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

ADMIN PANEL

- General
- Score Rules
- Task Templates
- Triggers
- Services
- News Items**
- Snippets
- Orphaned Emails

PROPERTIES

- Person
- Company
- Company Location
- Work Log
- Task
- Resource Type

### Create News Item

Body

Public

☒

Create

FIGURE 2.31: CREATE NEWS ITEM

## 2.2.8.7 Snippets

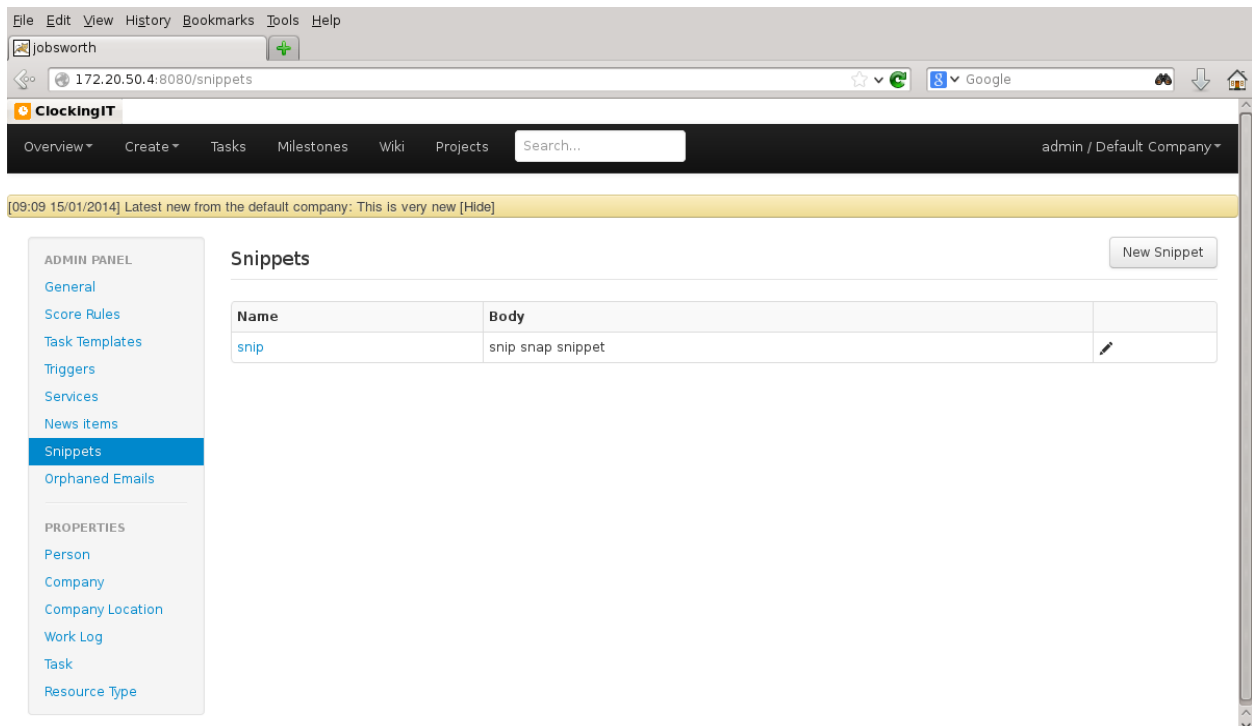


FIGURE 2.32: SNIPPETS

File Edit View History Bookmarks Tools Help

jobsworth

172.20.50.4:8080/snippets/new

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search... admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

ADMIN PANEL

- General
- Score Rules
- Task Templates
- Triggers
- Services
- News Items
- Snippets**
- Orphaned Emails

PROPERTIES

- Person
- Company
- Company Location
- Work Log
- Task
- Resource Type

### Create Snippet

Name

Body

Create Snippet

FIGURE 2.33: CREATE SNIPPET

## 2.2.8.8 Orphaned E-Mails

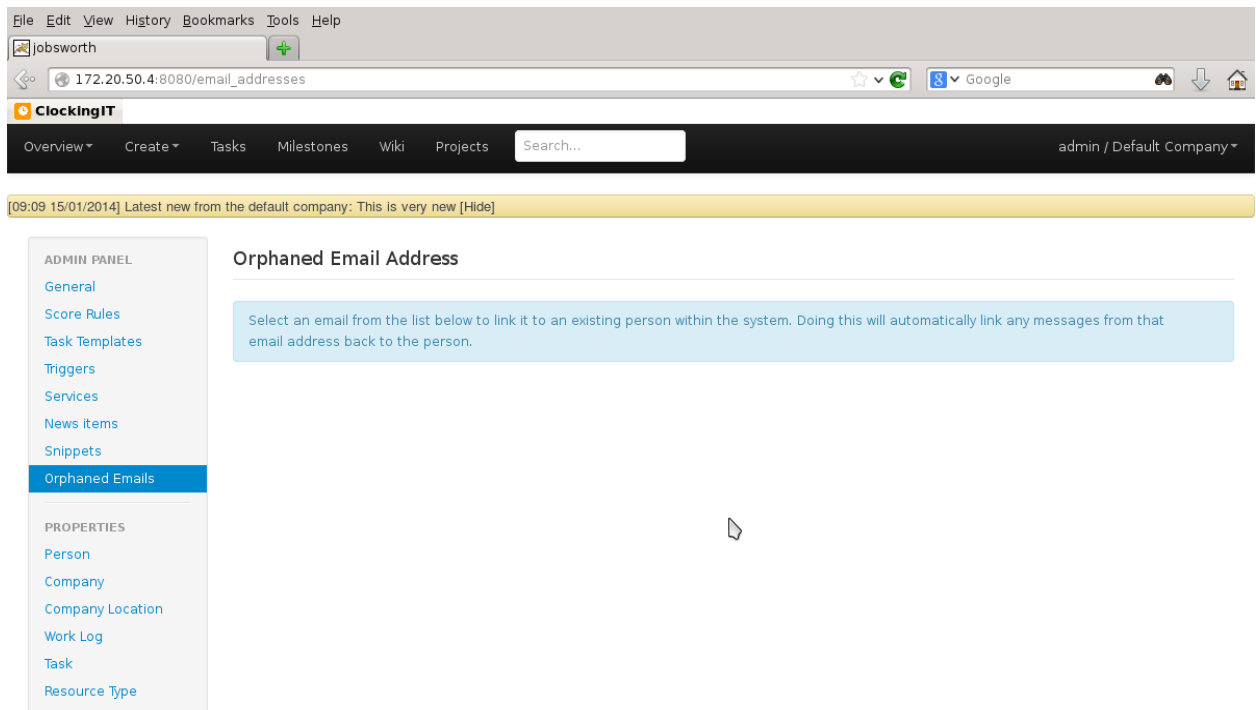


FIGURE 2.34: ORPHANED E-MAILS



## 2.2.9 Company Properties

### 2.2.9.1 Person

The screenshot shows a web browser window with the address bar displaying `172.20.50.4:8080/custom_attributes/edit?type=User`. The page title is "Custom Attributes - jobsworth". The navigation bar includes "Overview", "Create", "Tasks", "Milestones", "Wiki", "Projects", and a search bar. The user is logged in as "admin / Default Company". A yellow banner at the top reads: "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]".

The left sidebar contains two sections: "ADMIN PANEL" and "PROPERTIES". Under "ADMIN PANEL", there are links for "General", "Score Rules", "Task Templates", "Triggers", "Services", "News items", "Snippets", and "Orphaned Emails". Under "PROPERTIES", there are links for "Person", "Company", "Company Location", "Work Log", "Task", and "Resource Type". The "Person" link is currently selected.

The main content area is titled "User Properties". It contains the following fields and controls:

- Name:** A text input field with a dropdown arrow and a "Remove attribute" link.
- LDAP Name:** A text input field.
- Mandatory:** A checkbox.
- Allows multiple:** A checkbox.
- Maximum field length:** A text input field.
- Use only preset choices:** A checkbox.

At the bottom of the form, there are two buttons: "Update" and "Add another attribute".

FIGURE 2.35: PERSON

## 2.2.9.2 Company

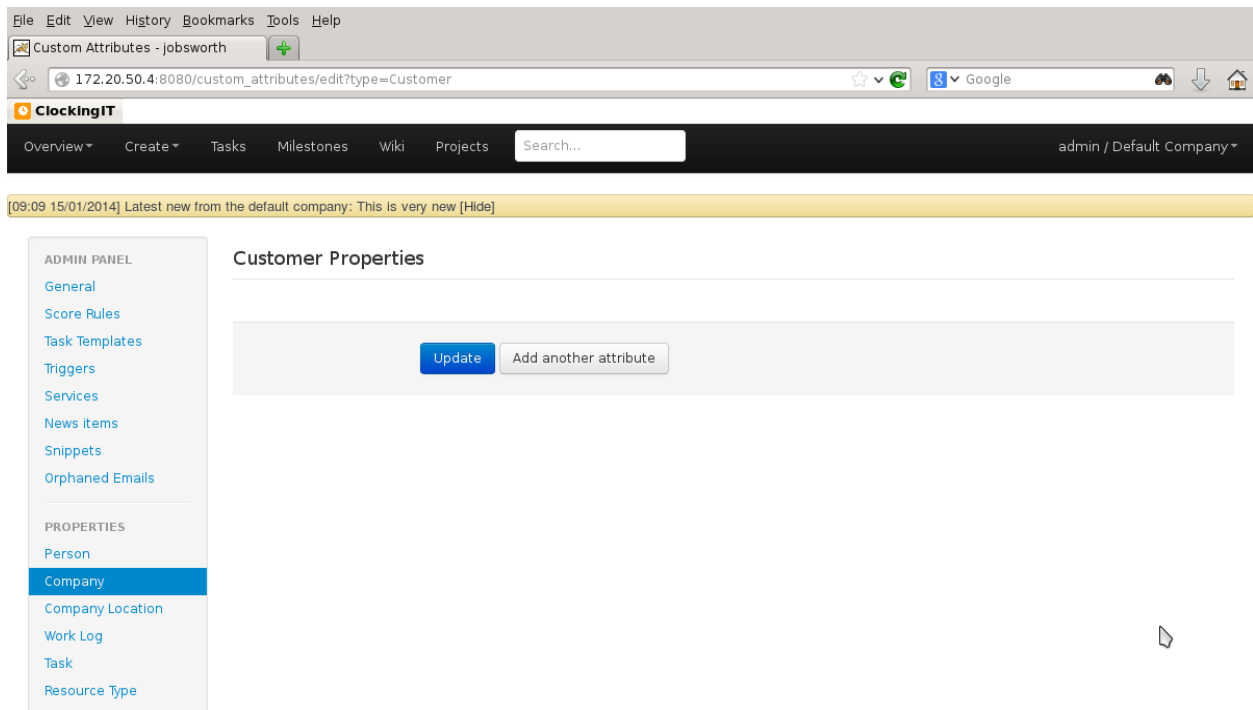


FIGURE 2.36: COMPANY

## 2.2.9.3 Company Location

The screenshot shows a web browser window with the URL `172.20.50.4:8080/custom_attributes/edit?type=OrganizationalUnit`. The application is titled "ClockingIT" and has a navigation bar with links: Overview, Create, Tasks, Milestones, Wiki, Projects, and a search bar. The user is logged in as "admin / Default Company". A notification bar at the top states: "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]".

The main content area is titled "Organizational Unit Properties". On the left is a sidebar menu with two sections: "ADMIN PANEL" and "PROPERTIES". Under "ADMIN PANEL", there are links for General, Score Rules, Task Templates, Triggers, Services, News Items, Snippets, and Orphaned Emails. Under "PROPERTIES", there are links for Person, Company, Company Location (which is highlighted), Work Log, Task, and Resource Type.

The "Organizational Unit Properties" form contains the following fields and controls:

- Name:** A text input field with a "Remove attribute" link next to it.
- LDAP Name:** A text input field.
- Mandatory:** A checkbox.
- Allows multiple:** A checkbox.
- Maximum field length:** A text input field.
- Use only preset choices:** A checkbox.

At the bottom of the form are two buttons: "Update" and "Add another attribute".

FIGURE 2.37: COMPANY LOCATION

## 2.2.9.4 Work Log

The screenshot shows a web browser window with the URL `172.20.50.4:8080/custom_attributes/edit?type=WorkLog`. The page title is "Custom Attributes - jobsworth". The navigation bar includes "Overview", "Create", "Tasks", "Milestones", "Wiki", "Projects", and a search bar. The user is logged in as "admin / Default Company". A status bar at the top shows the time "09:09 15/01/2014" and a message "Latest new from the default company: This is very new [Hide]".

The main content area is titled "Work Log Properties". On the left is a sidebar with "ADMIN PANEL" and "PROPERTIES". Under "ADMIN PANEL", there are links for "General", "Score Rules", "Task Templates", "Triggers", "Services", "News Items", "Snippets", and "Orphaned Emails". Under "PROPERTIES", there are links for "Person", "Company", "Company Location", "Work Log" (which is highlighted), "Task", and "Resource Type".

The "Work Log Properties" form includes the following fields and controls:

- Name:** A text input field with a "Remove attribute" link next to it.
- LDAP Name:** A text input field.
- Mandatory:** A checkbox.
- Allows multiple:** A checkbox with a vertical ellipsis icon next to it.
- Maximum field length:** A text input field.
- Use only preset choices:** A checkbox.

At the bottom of the form are two buttons: "Update" and "Add another attribute".

FIGURE 2.38: WORKLOG

## 2.2.9.5 Task Properties

File Edit View History Bookmarks Tools Help

jobsworth

172.20.50.4:8080/properties

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search...

admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

ADMIN PANEL

- General
- Score Rules
- Task Templates
- Triggers
- Services
- News Items
- Snippets
- Orphaned Emails

PROPERTIES

- Person
- Company
- Company Location
- Work Log
- Task**
- Resource Type

### Task Properties

New task property

Name	Sort tasks by this property by default	Color tasks by this property by default		
Type			Edit	Delete
Priority	Yes	Yes	Edit	Delete
Severity	Yes		Edit	Delete

FIGURE 2.39: TASK PROPERTIES

## 2.2.9.6 Resource Type

The screenshot shows a web browser window with the URL `172.20.50.4:8080/resource_types`. The page title is "ClockingIT". The navigation bar includes links for Overview, Create, Tasks, Milestones, Wiki, and Projects, along with a search bar and a user profile dropdown showing "admin / Default Company". A status bar at the top displays the time "09:09 15/01/2014" and a message: "Latest new from the default company: This is very new [Hide]".

The main content area is titled "Resource Types" and features a "New resource type" button. A table lists the existing resource types:

Name	Attributes		
room	0	<a href="#">Edit</a>	<a href="#">Delete</a>

The left sidebar contains two sections: "ADMIN PANEL" with links for General, Score Rules, Task Templates, Triggers, Services, News Items, Snippets, and Orphaned Emails; and "PROPERTIES" with links for Person, Company, Company Location, Work Log, Task, and Resource Type (which is currently selected).

FIGURE 2.40: RESOURCE TYPE

File Edit View History Bookmarks Tools Help

jobsworth

172.20.50.4:8080/resource\_types/new

ClockingIT

Overview Create Tasks Milestones Wiki Projects Search...

admin / Default Company

[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]

ADMIN PANEL

- General
- Score Rules
- Task Templates
- Triggers
- Services
- News items
- Snippets
- Orphaned Emails

PROPERTIES

- Person
- Company
- Company Location
- Work Log
- Task
- Resource Type

### Create Resource Type

Name

#### Attributes

Name  [Remove attribute](#)

Mandatory ☐

This attribute is a password ☐

Allows Multiple ☐

Validation Regex

Default field length

[Create](#) [Add another attribute](#)

FIGURE 2.41: CREATE RESOURCE TYPE

## 2.3 Widgets

## 2.4 Workflow