

Jobsworth Project Management 4.0

jw40doc.140126

Jobsworth Project Management 4.0: Installation and Manual

jw40doc.140126

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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

text of servlet container



Caution

Please note that line-breaks in the following listing might be confusing. Always load actual `context.example.xml` (<https://github.com/ari/jobsworth/blob/master/config/context.example.xml>)  file for your reference!

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
```


This file is an example. You will need to customise it for your own needs, and rename it to context.xml. In Apache Tomcat it belongs inside a folder called -"config".

You can change the mysql driver to postgresql and you will need to replace all the variables which look like this \${VARIABLE} either at runtime using a script, or by editing this file directly.

-->

```
<Context swallowOutput="true">
  <Resource name="jdbc/jobsworth"
    removeAbandoned="true"
    auth="Container" type="javax.sql.DataSource"
    maxActive="100" maxIdle="30" maxWait="10000"
    username="${DBUSER}" password="${DBPASS}" ❶
    driverClassName="com.mysql.jdbc.Driver" batchSize="-1"
    url="jdbc:mysql://${DBSERVER}:3306/${DBNAME}? ❷
autoReconnect=true&zeroDateTimeBehavior=convertToNull&useUnicode=true&characterEncoding=utf8"
    validationQuery="select 1"/>

  <!-- The base domain of the running application. The actual URL you use to
access the system is the name of the tenant followed by this. So you might
have -'company1.acme.com' and -'company2.acme.com' --->
  <Parameter name="config.domain" value="acme.com" override="false"/>

  <!-- Jobsworth can be branded as something else --->
  <Parameter name="config.productName" value="jobsworth" override="false"/>

  <!-- SSL is good. But you may want to turn it off while you are first setting
this up --->
  <Parameter name="config.ssl" value="true" override="false"/>

  <!-- A path to a folder on disk where jobsworth will store task attachments --->
```

```

<Parameter name="config.storerooot" value="/var/jobsworth/assets" override="false"/
>

<!-- What domain will mail from jobsworth come from? --->
<Parameter name="config.email_domain" value="acme.com" override="false"/>

<!-- Some emails like password resets will come from this user name. So in this
example, it will be jobsworth@acme.com --->
<Parameter name="config.email_replyto" value="jobsworth" override="false"/>

<!-- The from user name. This is usually the same as the reply-to username --->
<Parameter name="config.email_from" value="jobsworth" override="false"/>

<!-- Something to put at the start of every subject on emails from jobsworth --->
<Parameter name="config.email_prefix" value="'[jobsworth]'" override="false"/>

<!-- Jobsworth SMTP settings --->
<Parameter name="config.smtp_host" value="mail.acme.com" override="false"/>
<Parameter name="config.smtp_port" value="25" override="false"/>
<Parameter name="config.smtp_domain" value="acme.com" override="false"/>

<!-- This value is used for integration with your incoming mail server. Change
it! --->
<Parameter name="config.secret" value="changeThisValueToSomethingRandom"
override="false"/>

<!-- Jobsworth email notification of errors --->
<Parameter name="config.error_email_prefix" value="'[jobsworth error]'"
override="false"/>
<Parameter name="config.error_sender_address" value="jobsworth@acme.com"
override="false"/>
<Parameter name="config.error_exception_recipients"
value="['support@example.com','sysadmin@example.com']" override="false"/>

</Context>

```

- 1 Do not use variables (\$) and {} chars) but enter UID and Password enclosed in parenthesis (except you have external scripts defining those variables), e.g.: username: "uid" password: "pw"
- 2 e.g.: url="jdbc:mysql://172.20.50.4:3306/mydb?"

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.

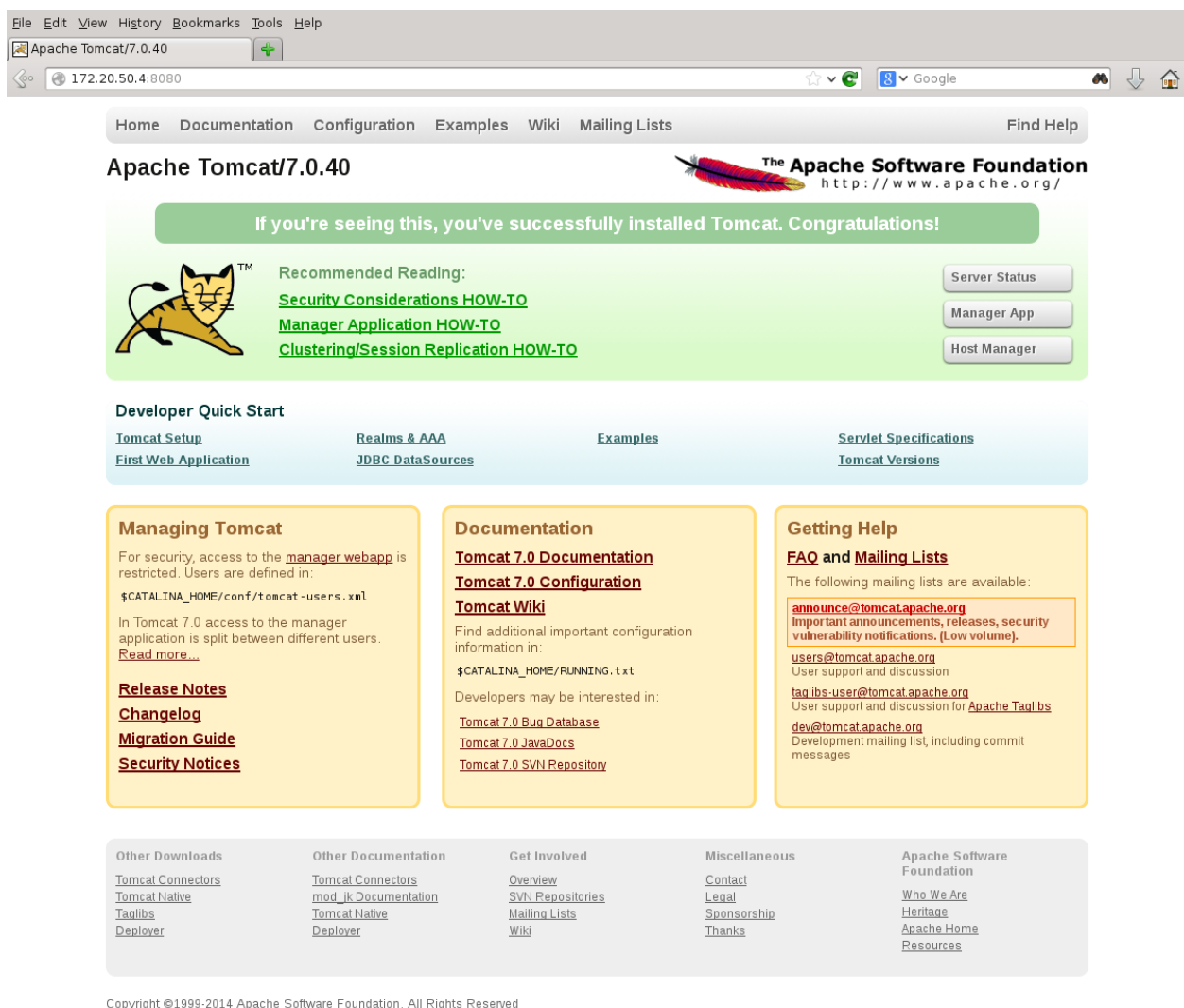


FIGURE 1.2: TOMCAT WORKS

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

[Forget 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

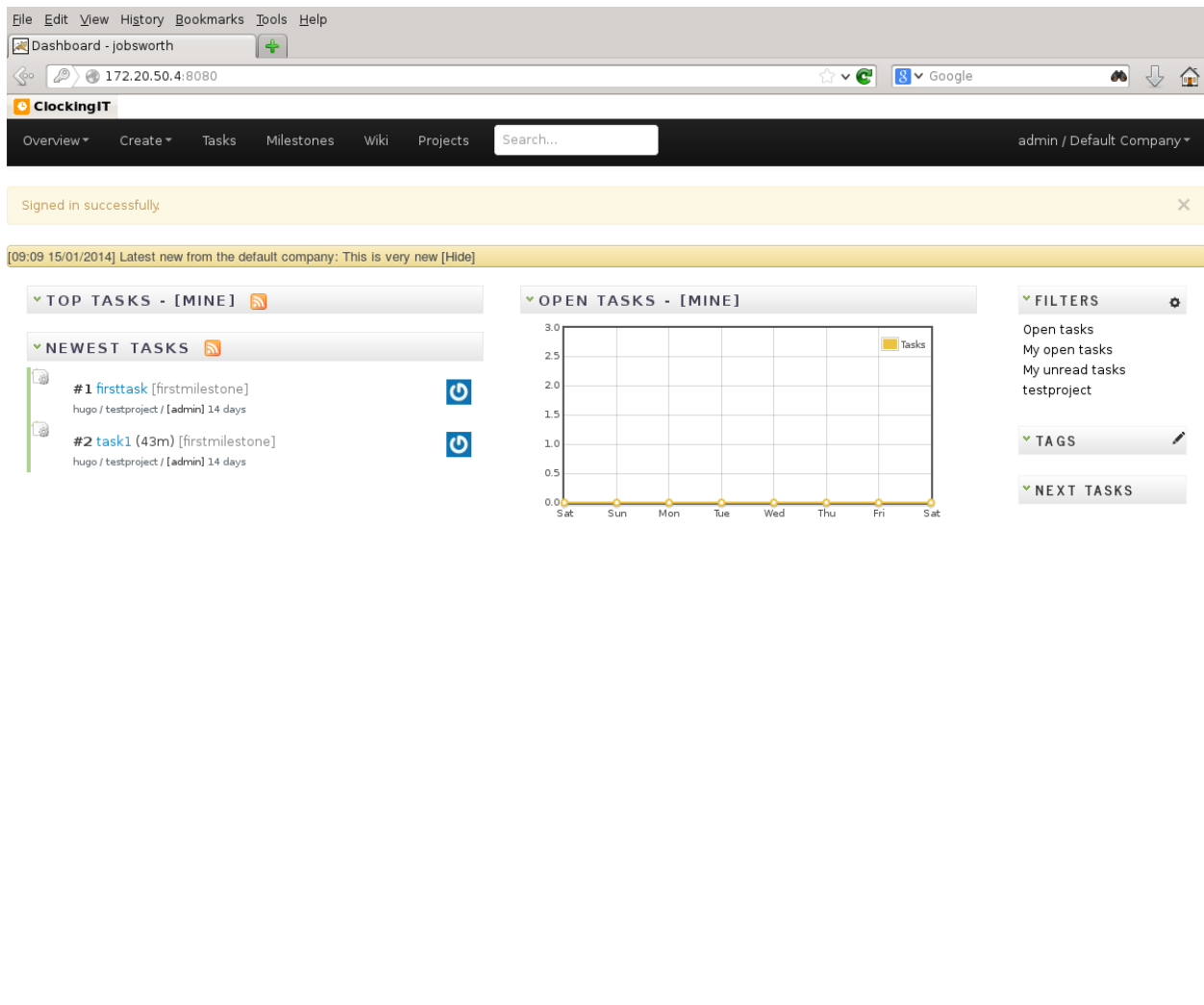


FIGURE 2.2: DASHBOARD

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.

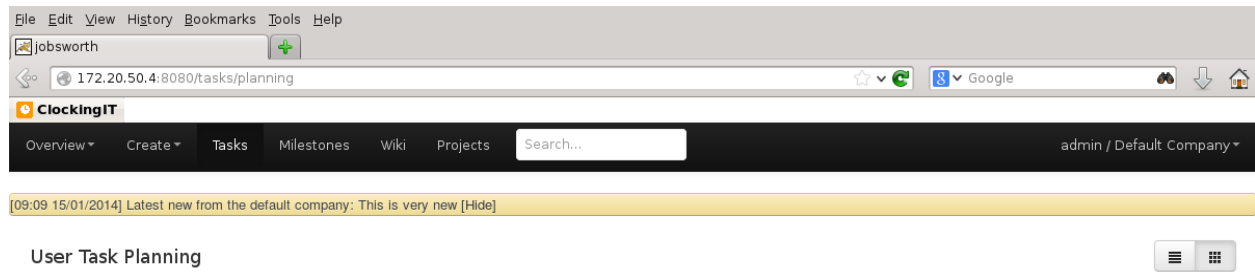


FIGURE 2.3: PLANNING

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 the user "admin / Default Company". A yellow notification bar at the top states: "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]".

Billing Reports

Time Sheet

Report filter

[Any Project] [Any User] [All] This Week

☐ Hide approved logs ☐ Hide rejected logs

FIGURE 2.4: BILLING

2.2.1.4 History

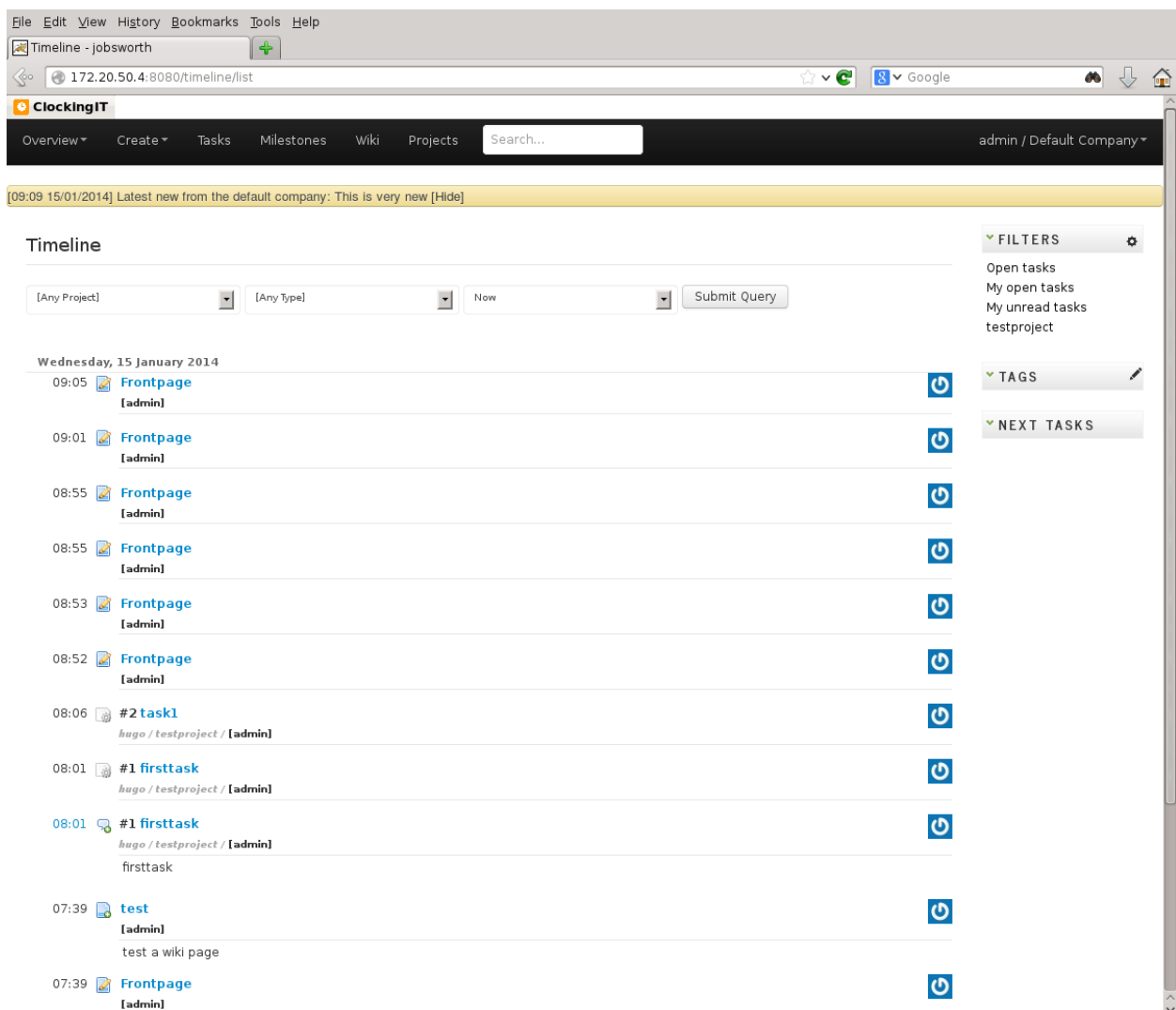


FIGURE 2.5: HISTORY

2.2.2 Create

2.2.2.1 Create Task

The screenshot shows the 'New Task' form in the ClockingIT application. The browser address bar shows '172.20.50.4:8080/tasks/new'. The application header includes a navigation bar with 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and the user 'admin / Default Company'. A yellow banner at the top displays a notification: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The main form area is titled 'Enter task name...' and contains several sections:

- Task Details:** Includes a text input for 'Enter task name...', a text area for 'Enter task description...', and a 'Save' button.
- Form Fields:** Includes a 'Add a todo item...' input, a 'Project' dropdown (Please select), a 'Milestone' dropdown (None), a 'Time Estimate' dropdown (1h (default)), a 'Target Date' input, and a 'Resolution' dropdown (Open).
- Attributes:** Includes a 'Tags' input, a 'Type' dropdown (Task), a 'Priority' dropdown (Normal), a 'Severity' dropdown (Normal), and a 'Service' dropdown (None). A 'billable' checkbox is also present.
- Notifications:** Includes a 'Companies' input, a 'Users To Notify' input (admin), and a 'Snooze until' input.
- Resources:** Includes a 'Linked Resources' input.

The right sidebar contains three sections:

- FILTERS:** Includes a gear icon and a list of filters: 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'.
- TAGS:** Includes a pencil icon and a list of tags: 'testproject'.
- NEXT TASKS:** Includes a list of tasks: 'testproject'.

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 URL `172.20.50.4:8080/milestones/new`. The application is 'ClockingIT' and the user is 'admin / Default Company'. The main navigation bar includes 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects'. A search bar is also present. 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 'New Milestone' form contains the following fields:

- Project:** A dropdown menu with 'testproject' selected.
- Name:** A text input field.
- Status:** A dropdown menu with 'planning' selected. Below it, a note reads: 'planning (can add tasks, all tasks are snoozed)'.
- Due Date:** A text input field.
- Description:** A large text area.

At the bottom of the form is a blue 'Create' button. On the right side, there are three sidebar sections:

- FILTERS:** Includes a gear icon and a list: 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'.
- TAGS:** Includes a pencil icon.
- NEXT TASKS:** A section header.

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 'User: jobsworth'. The page title is 'ClockingIT'. The main navigation bar contains links for Overview, Create, Tasks, Milestones, Wiki, and Projects, along with a search bar and a user profile dropdown for 'admin / Default Company'. A yellow notification bar at the top of the page content area displays the message: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The 'New user' form is the central element, featuring input fields for Name, Email, Username, Password, Company (with a refresh icon), and color (set to 'blue'). It also includes a 'Send welcome email' checkbox, a 'Signup Message' text area with a placeholder 'input welcome message here', and a 'Copy permissions from' dropdown menu currently set to 'No one'. A blue 'Create' button is positioned at the bottom of the form. A small note at the bottom of the message area states: 'The message will be included in the signup email.'

File Edit View History Bookmarks Tools Help

User: jobsworth

172.20.50.4:8080/users/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 user

Name

Email

Username

Password

Company

color

Send welcome email ☐

Signup Message

The message will be included in the signup email.

Copy permissions from

Create

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 with 'Search...' in the center. The header bar also displays 'admin / Default Company' on the right. Below the header bar, a yellow banner shows a timestamp '[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 'New Customer' and contains a form with three 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 form, 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 reads '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 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 Resource' and contains a form with the following fields: 'Name' (text input), 'Company' (text input with a selection icon), 'Parent Resource' (text input), 'Type' (dropdown menu), 'Active' (checkbox, currently checked), and 'Notes' (large text area). To the right of the form is a sidebar with three sections: 'FILTERS' (containing 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'), 'TAGS' (with an edit icon), and 'NEXT TASKS'. Below the form, an 'Attributes' section contains a single 'Create' button.

FIGURE 2.11: CREATE RESOURCE

2.2.3 Tasks

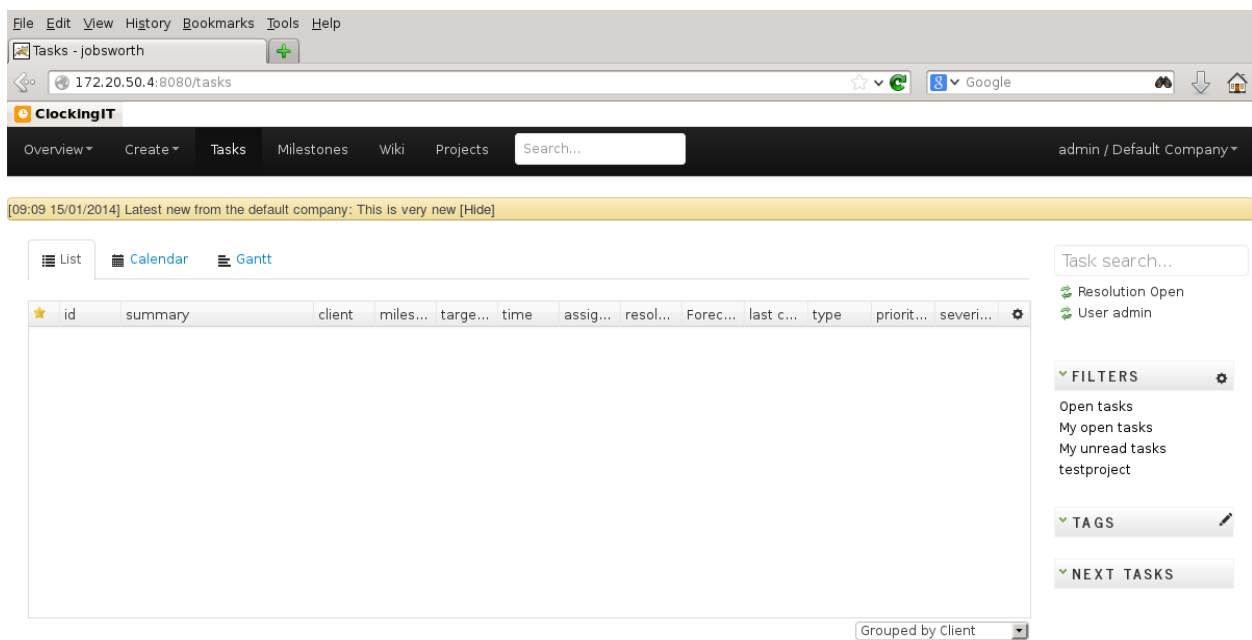


FIGURE 2.12: TASKS

2.2.4 Milestones

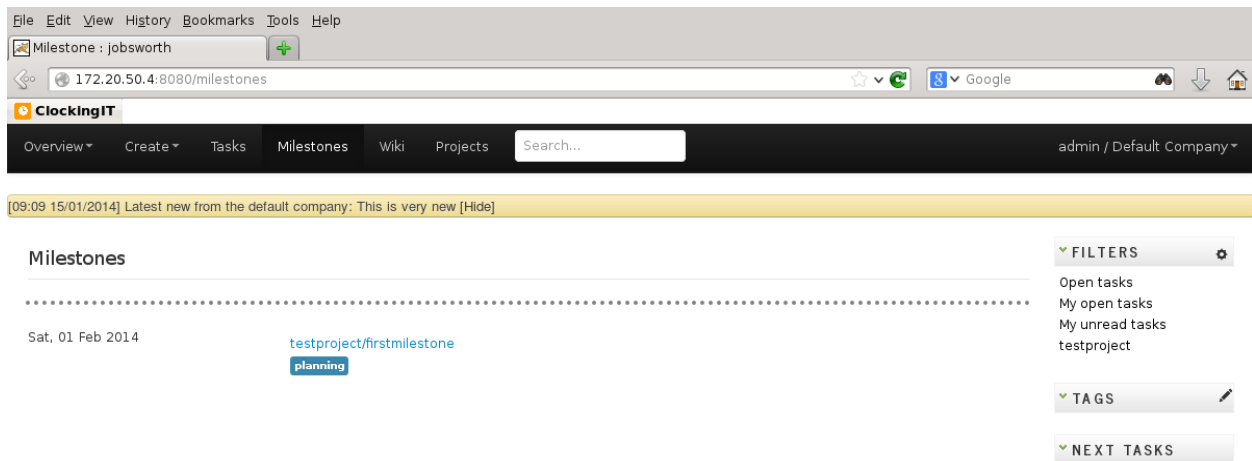


FIGURE 2.13: MILESTONES

2.2.5 Wiki

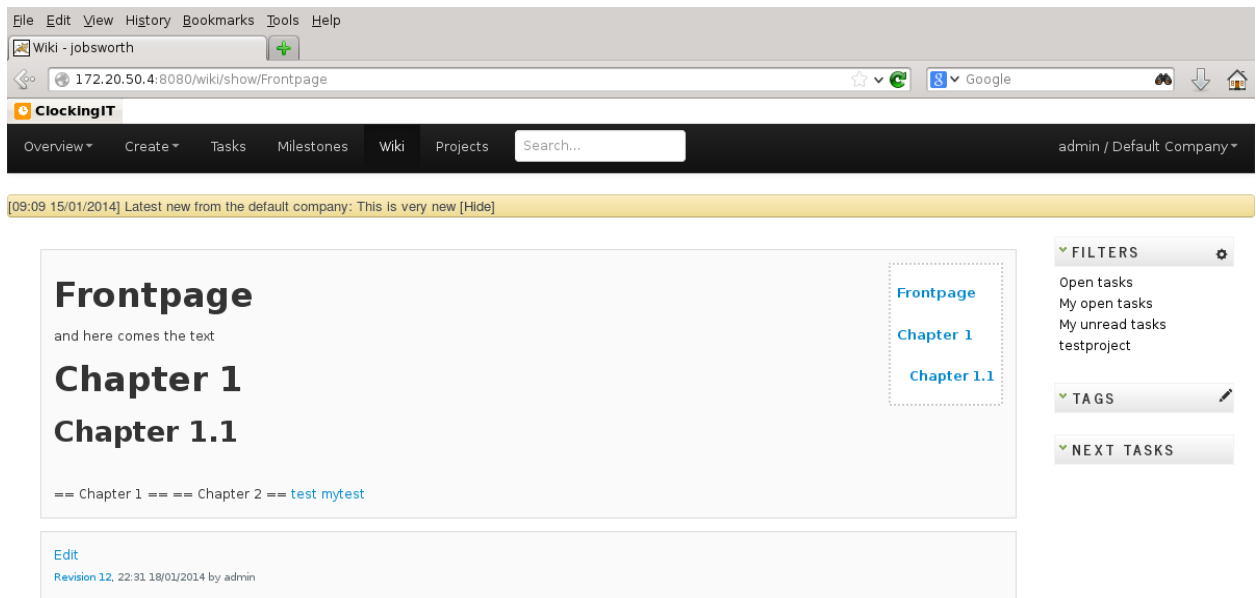


FIGURE 2.14: WIKI

2.2.6 Projects

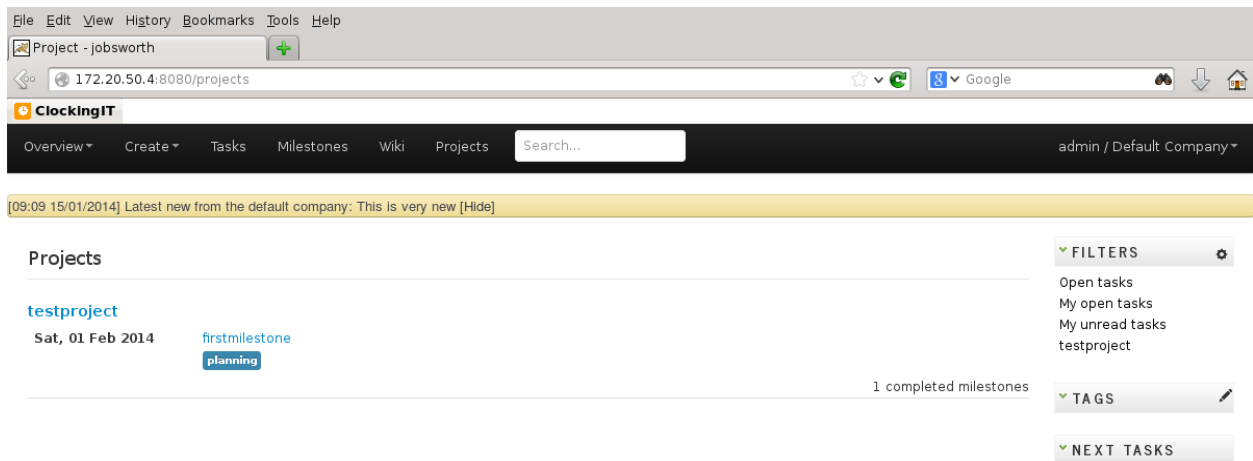


FIGURE 2.15: PROJECTS

2.2.7 MyAccount

2.2.7.1 General

The screenshot shows a web browser window with the URL `172.20.50.4:8080/users/1/edit`. The page title is "ClockingIT". 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 of the content area reads: "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]".

The main content area is titled "admin" and has a "View Tasks" button. A sidebar on the left contains a menu with the following items: "ADMIN", "General" (selected), "Access Control", "Email Addresses", "Task Filters", "Projects Permissions", and "Work Plan".

The "General" tab contains the following form fields and options:

- Name:
- Username:
- Password:
- Company:
- color:
- New Avatar: No file selected.
(Will be resized to 25x25 and 50x50 while preserving aspect ratio)
- Language:
- Location:
- Receive Notifications: ☒
- Receive Own Notifications: ☒
- Automatically add this user to tasks for: ☐
- Active: ☒
- Time Format:
- Date Format:
- Track Time: ☒
- Show Avatars: ☒

FIGURE 2.16: GENERAL

2.2.7.2 Access Control

The screenshot shows a web browser window with the URL `172.20.50.4:8080/users/1/access`. The page title is "ClockingIT". 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 notification bar at the top says "[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]".

On the left, a sidebar menu shows "ADMIN" with sub-items: "General", "Access Control" (selected), "Email Addresses", "Task Filters", "Projects Permissions", and "Work Plan".

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 ☒
- Access Resources ☒
- Comment access level
- Widget Key `916feaf369f78f88e1c8fd70a9f7f3e0`

A "Save" button is at the bottom.

FIGURE 2.17: ACCESS CONTROL

2.2.7.3 E-Mail Addresses

The screenshot shows the same web browser window with the URL `172.20.50.4:8080/users/1/emails`. The page title is "ClockingIT". The navigation bar and user information are the same as in Figure 2.17.

On the left, the sidebar menu shows "ADMIN" with sub-items: "General", "Access Control", "Email Addresses" (selected), "Task Filters", "Projects Permissions", and "Work Plan".

The main content area is titled "admin" and contains a list of email addresses:

- `admin@example.org` Default
-

A "View Tasks" button is at the top right.

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 application header includes a navigation menu with 'Overview', 'Create', 'Tasks', 'Milestones', 'Wiki', and 'Projects', along with a search bar and the user profile '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' action links. A 'View Tasks' button is located in the top right corner.

FIGURE 2.19: TASK FILTERS

2.2.7.5 Projects Permissions

The screenshot displays the ClockingIT web application's 'Projects Permissions' page for the user 'admin'. The browser address bar shows '172.20.50.4:8080/users/1/projects'. The application header and sidebar are consistent with the previous screenshot, with 'Projects Permissions' highlighted in the sidebar. The main content area features a table of permissions for the 'testproject'. The table has columns for 'Project', 'Read', 'Comment', 'Work', 'Close', 'See Unwatched', 'Create', 'Edit', 'Assign', 'Milestone', 'Reports', 'Grant', and 'All'. All permissions for 'testproject' are marked with a green checkmark. Below the table, there is a section 'Add project to user' with an input field. A 'New user' button is located in the top right corner.

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

File Edit View History Bookmarks Tools Help

User: admin - jobsworth

172.20.50.4:8080/users/1/workplan

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

- General
- Access Control
- Email Addresses
- Task Filters
- Projects Permissions
- Work Plan

admin [New user](#)

Recent work

- 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

Work Plan

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

[Update](#)

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:

(separate 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

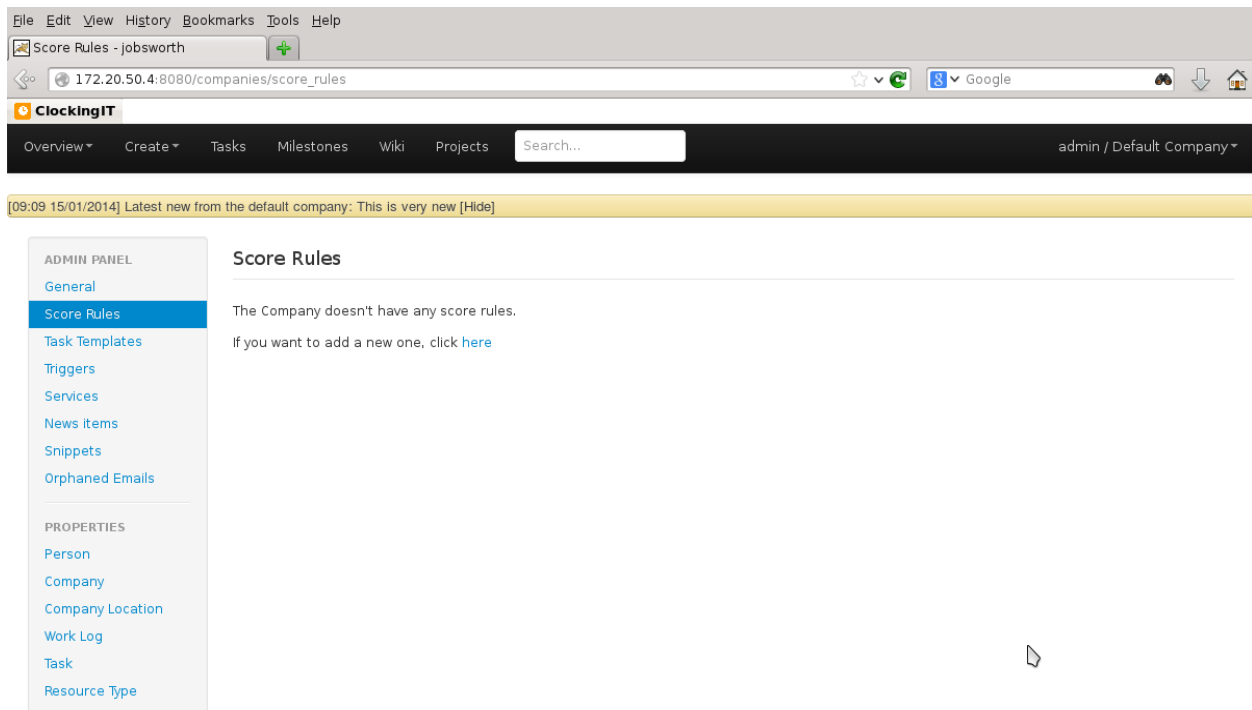


FIGURE 2.23: SCORE RULES

2.2.8.3 Task Templates

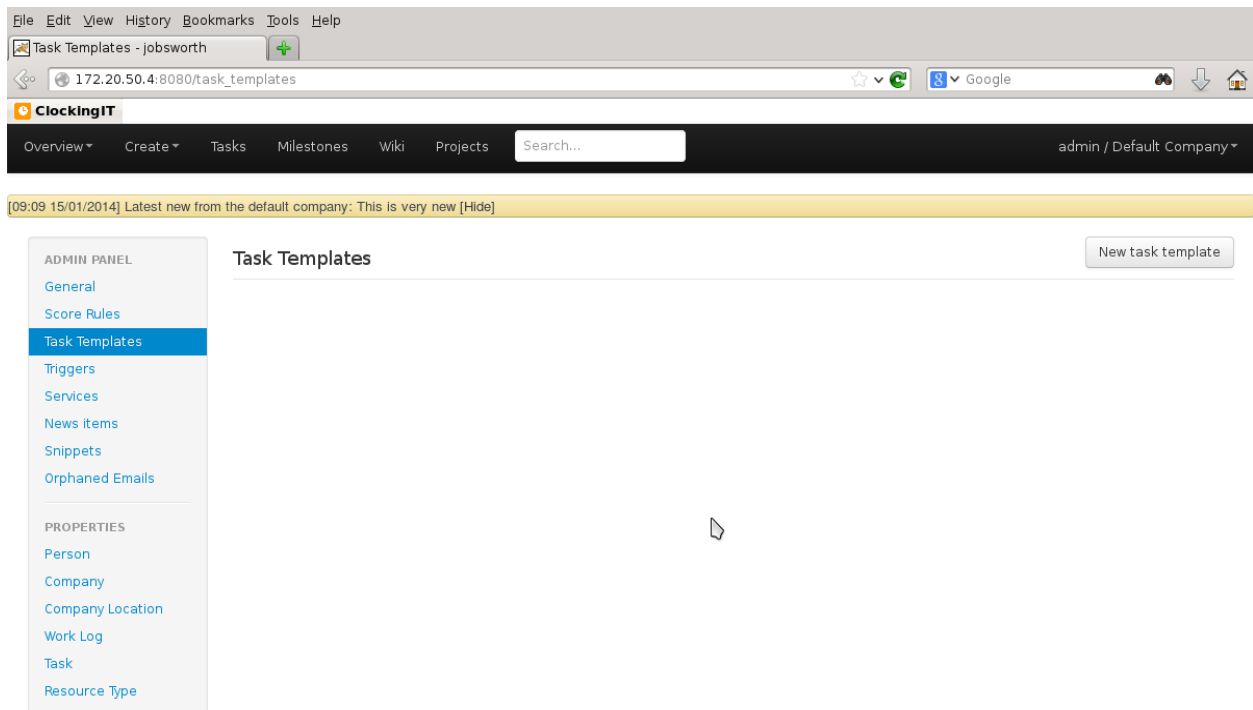


FIGURE 2.24: TASK TEMPLATES

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

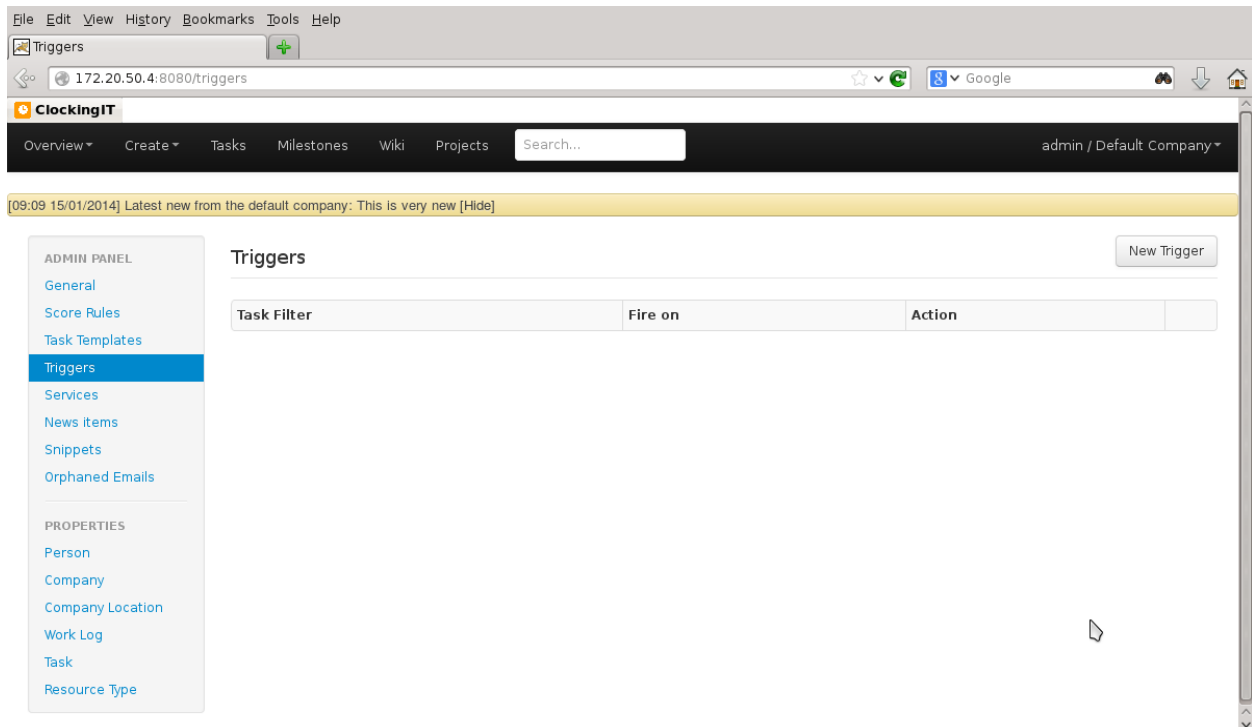


FIGURE 2.26: TRIGGERS

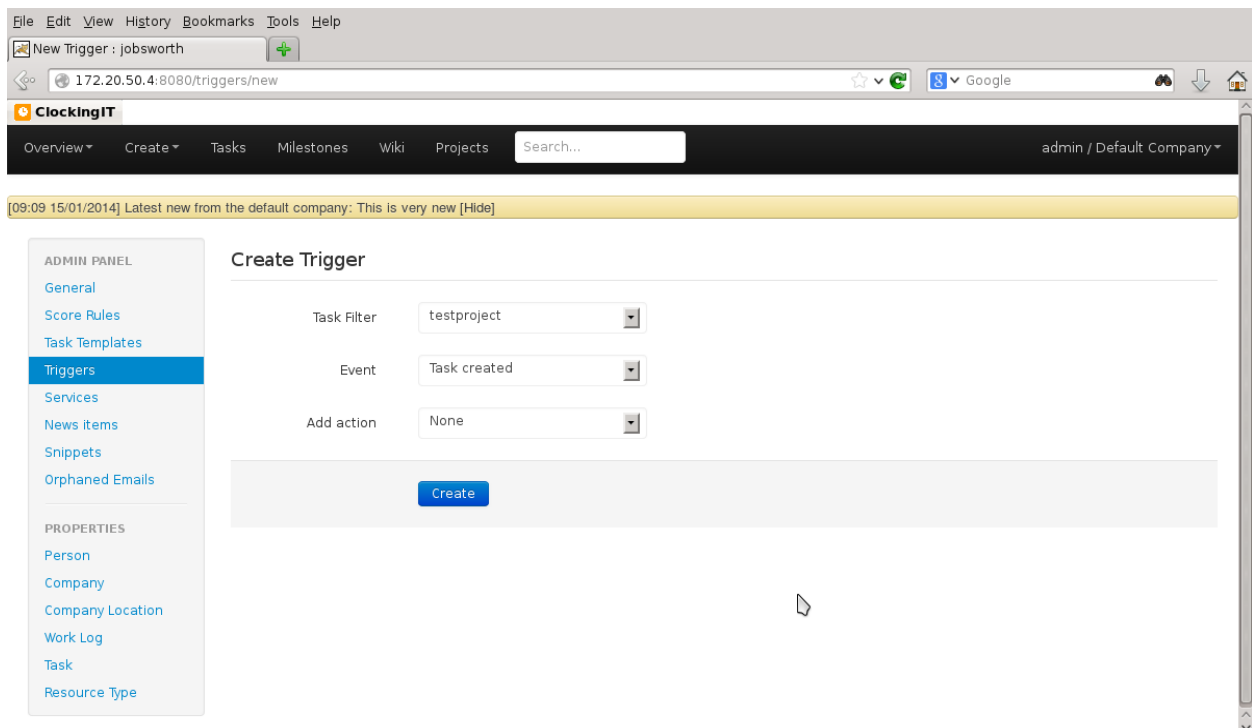


FIGURE 2.27: NEW TRIGGER

2.2.8.5 Services

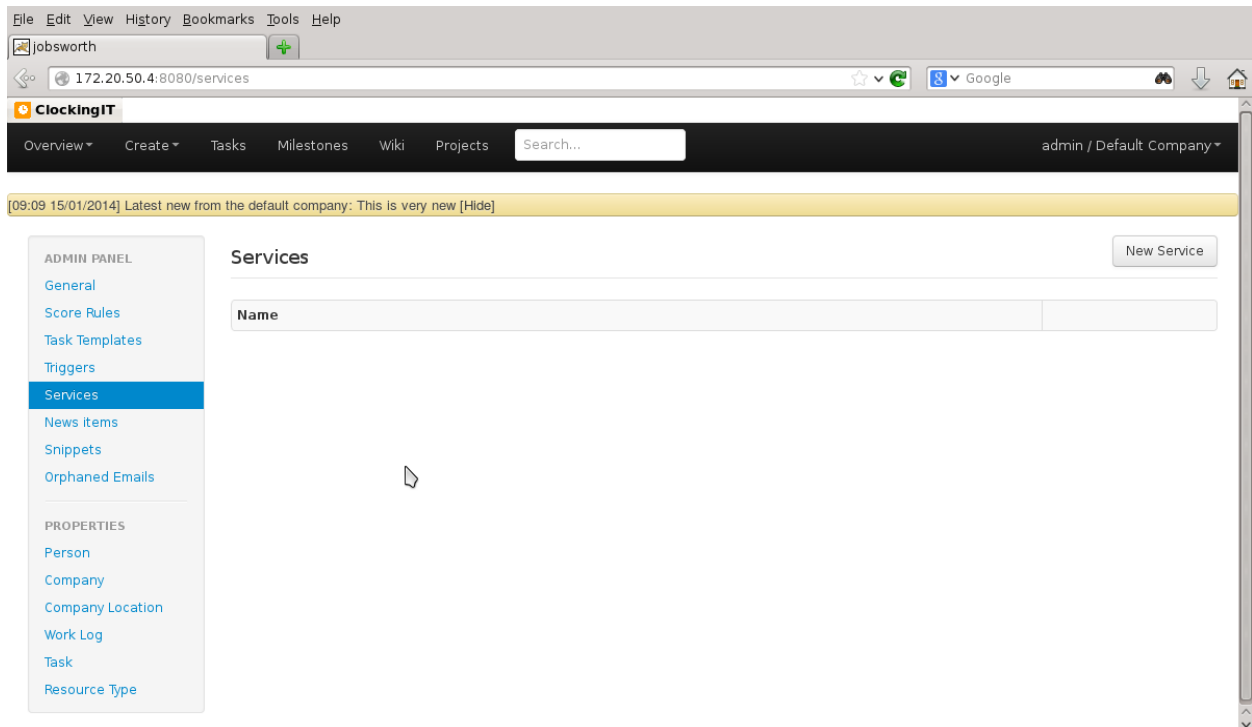


FIGURE 2.28: SERVICES

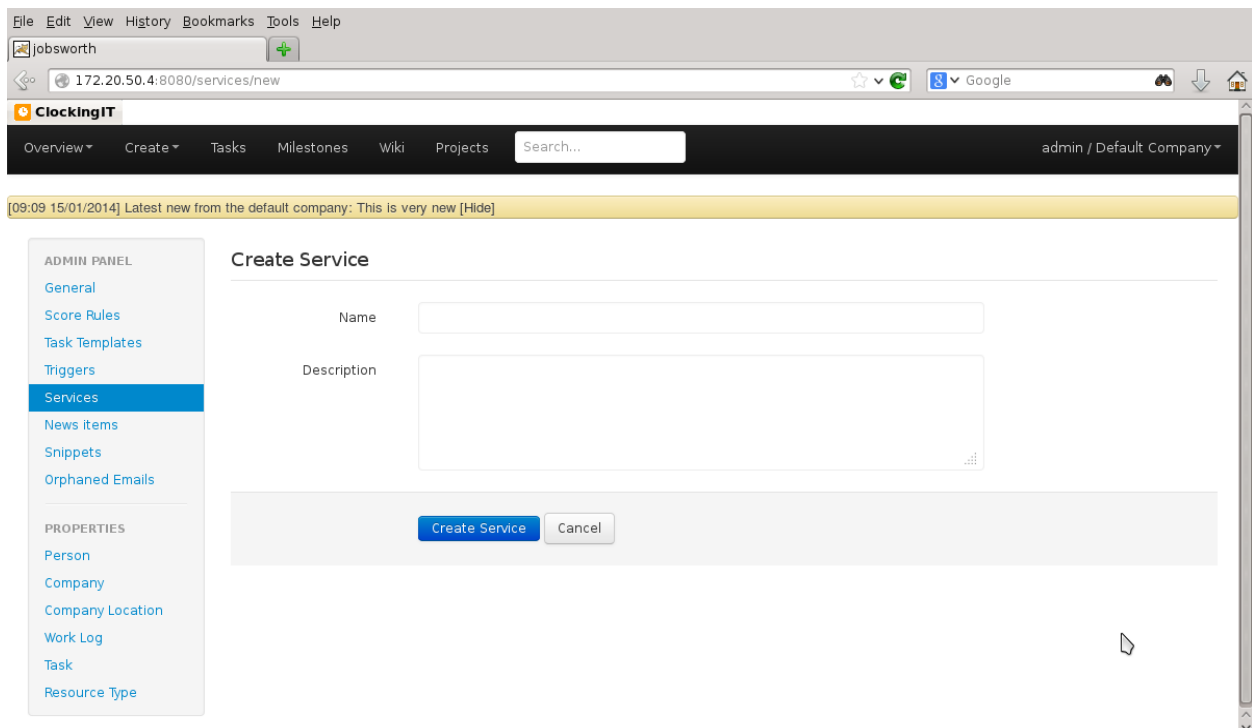


FIGURE 2.29: NEW SERVICE

2.2.8.6 News Items

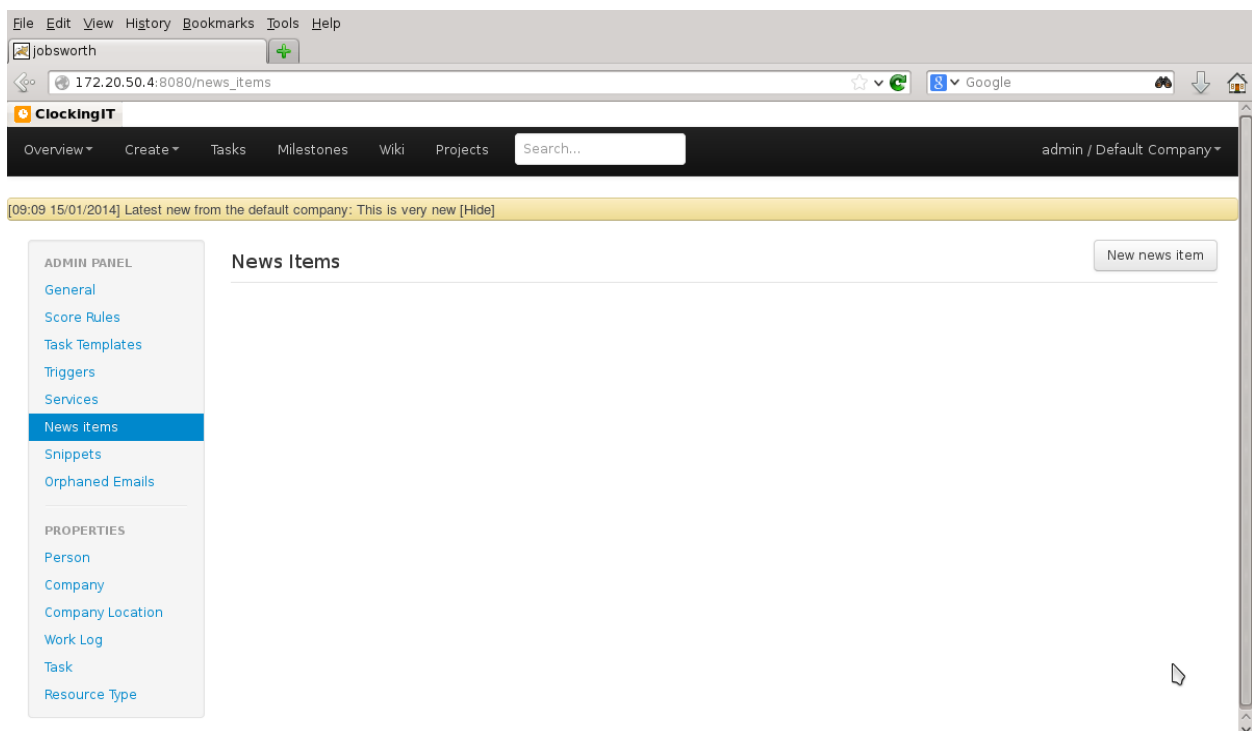


FIGURE 2.30: NEWS ITEMS

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

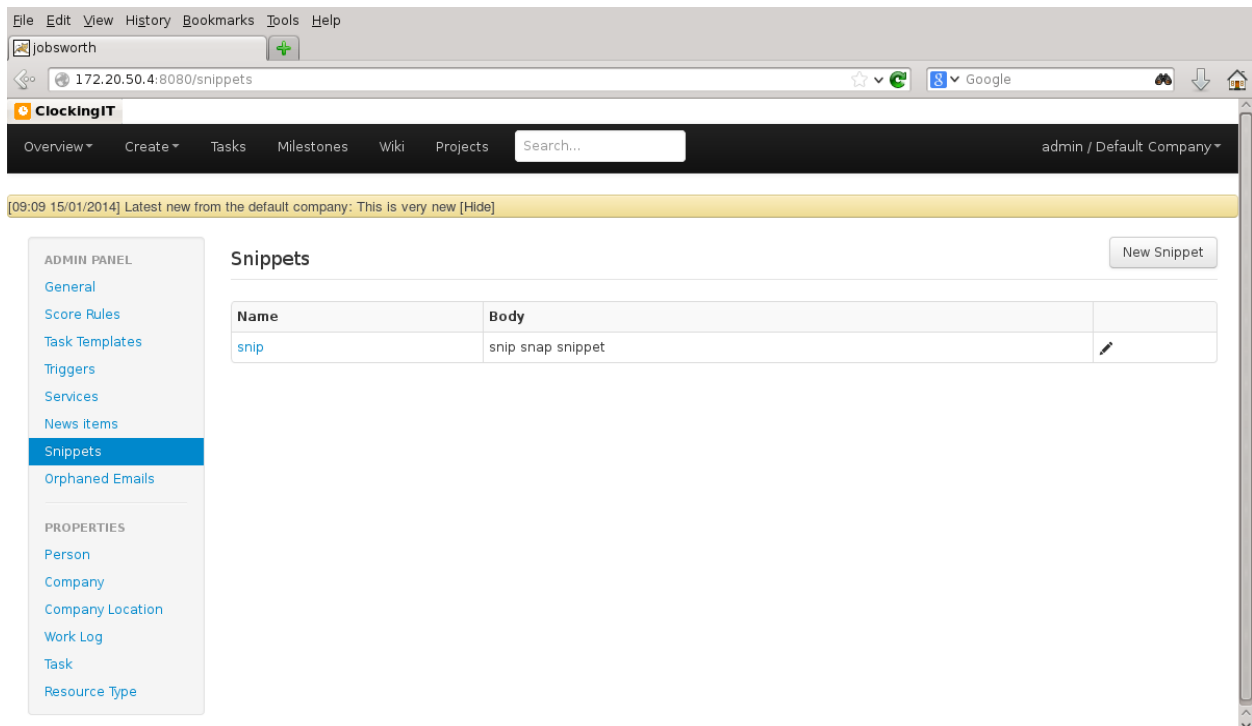


FIGURE 2.32: SNIPPETS

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/snippets/new'. The browser's address bar also shows 'jobsworth' and a search bar with 'Google'. The page title is 'ClockingIT'. 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 notification bar at the top states: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The left sidebar contains an 'ADMIN PANEL' with links: 'General', 'Score Rules', 'Task Templates', 'Triggers', 'Services', 'News Items', 'Snippets' (highlighted), and 'Orphaned Emails'. Below this is a 'PROPERTIES' section with links: 'Person', 'Company', 'Company Location', 'Work Log', 'Task', and 'Resource Type'. The main content area is titled 'Create Snippet' and contains a form with two fields: 'Name' (a text input) and 'Body' (a large text area). A blue 'Create Snippet' button is located at the bottom of the form.

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

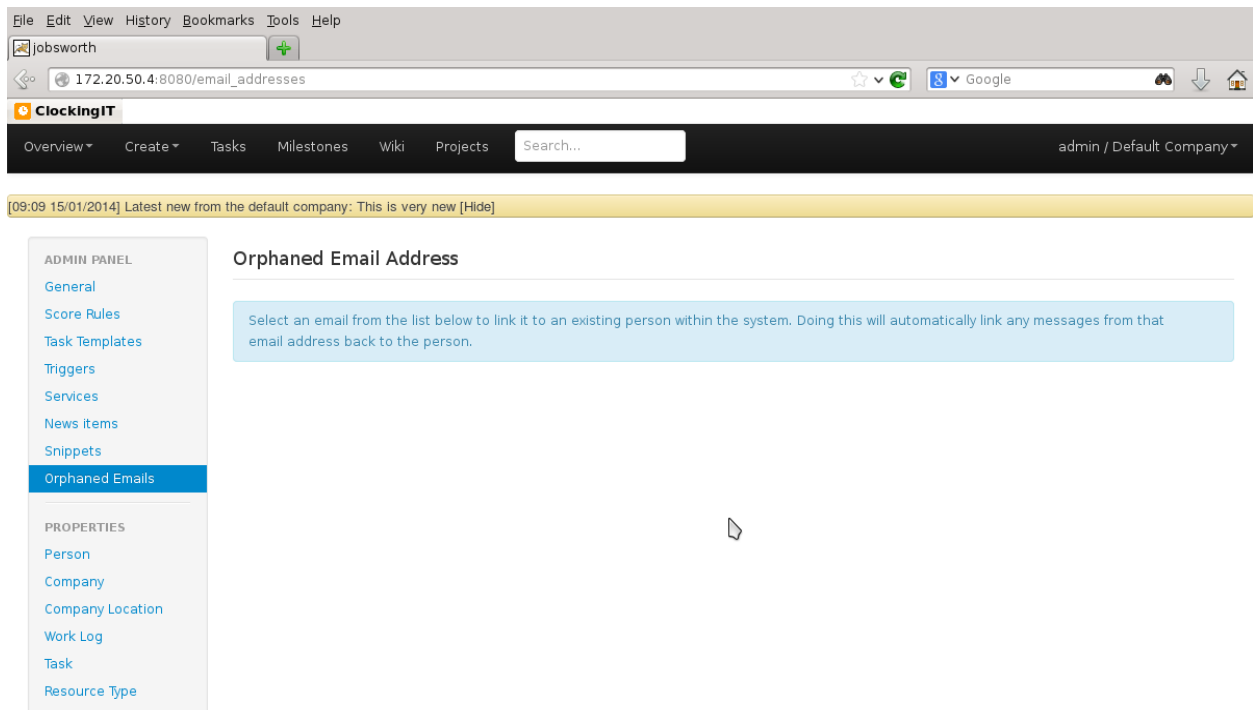


FIGURE 2.34: ORPHANED E-MAILS

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 notification bar at the top states: "[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". The "PROPERTIES" section is expanded, showing "Person" as the selected option. Other options in "PROPERTIES" include "Company", "Company Location", "Work Log", "Task", and "Resource Type".

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

- Name:** A text input field with a "Remove attribute" link to its right.
- 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

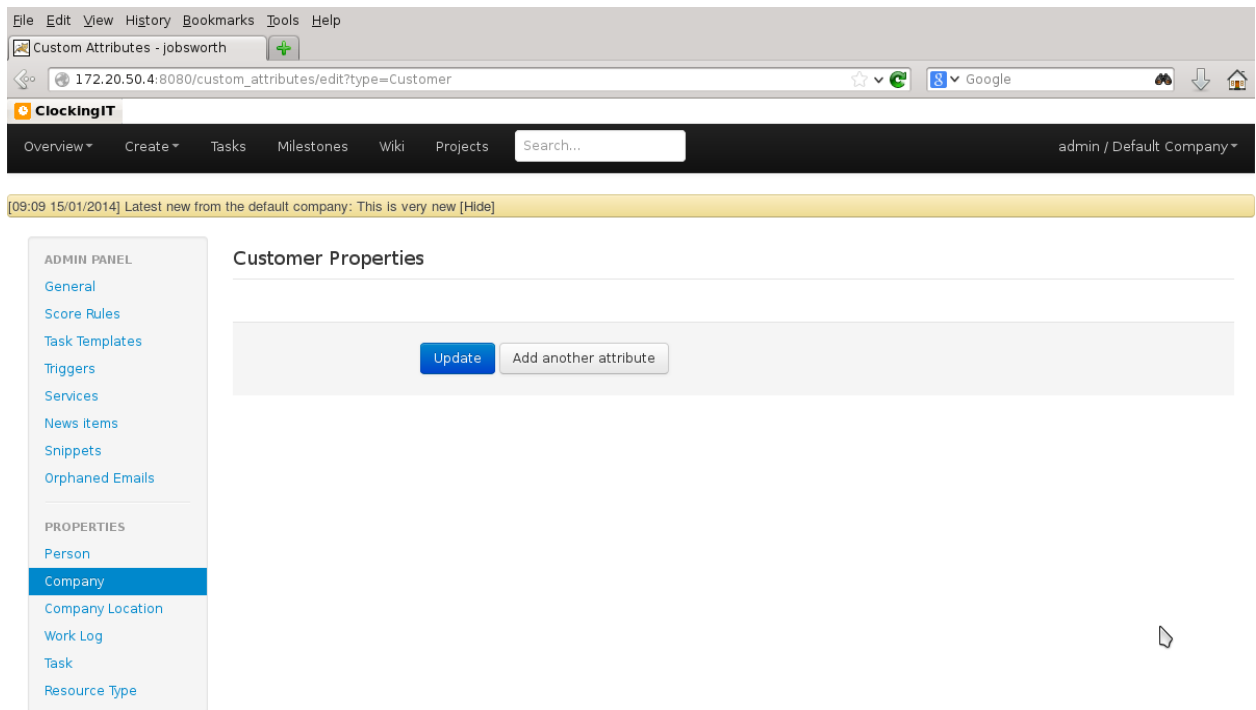


FIGURE 2.36: COMPANY

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 page title is "Custom Attributes - jobsworth". The application header 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 indicates 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 "Organizational Unit Properties". On the left, there is a sidebar menu with 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, there 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 options:

- 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 2.38: 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 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 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]".

On the left is an "ADMIN PANEL" with two sections:

- ADMIN PANEL**
 - General
 - Score Rules
 - Task Templates
 - Triggers
 - Services
 - News Items
 - Snippets
 - Orphaned Emails
- PROPERTIES**
 - Person
 - Company
 - Company Location
 - Work Log
 - Task
 - Resource Type**

The main content area is titled "Resource Types" and has a "New resource type" button. It contains a table with the following data:

Name	Attributes		
room	0	Edit	Delete

FIGURE 2.40: RESOURCE TYPE

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/resource_types/new'. The page title is 'ClockingIT'. 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 notification bar at the top states: '[09:09 15/01/2014] Latest new from the default company: This is very new [Hide]'. The left sidebar contains an 'ADMIN PANEL' with links to 'General', 'Score Rules', 'Task Templates', 'Triggers', 'Services', 'News items', 'Snippets', and 'Orphaned Emails'. Below this is a 'PROPERTIES' section with links to 'Person', 'Company', 'Company Location', 'Work Log', 'Task', and 'Resource Type' (which is highlighted). The main content area is titled 'Create Resource Type'. It features a 'Name' input field. Below this is an 'Attributes' section with a table-like structure. The first row has a 'Name' input field and a 'Remove attribute' link. The second row has a 'Mandatory' checkbox. The third row has a checkbox labeled 'This attribute is a password'. The fourth row has a checkbox labeled 'Allows Multiple'. The fifth row has a 'Validation Regex' input field. The sixth row has a 'Default field length' input field. At the bottom of the form are two buttons: 'Create' and 'Add another attribute'.

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	<input type="text"/>	Remove attribute
Mandatory	<input type="checkbox"/>	
This attribute is a password	<input type="checkbox"/>	
Allows Multiple	<input type="checkbox"/>	
Validation Regex	<input type="text"/>	
Default field length	<input type="text"/>	

Create Add another attribute

FIGURE 2.41: CREATE RESOURCE TYPE

2.3 Widgets

2.4 Workflow