

Jobsworth Project Management 4.0

jw40doc.140126

Jobsworth Project Management 4.0: Installation and Manual

jw40doc.140126

Publication date: January 27, 2014

Wolfram Plettscher

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

Copyright (c) 2014 Wolfram Plettscher

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

[GNU Free Documentation License \(http://www.gnu.org/licenses/fdl-1.3-standalone.html\)](http://www.gnu.org/licenses/fdl-1.3-standalone.html) 

Contents

Preface **iv**

I	INSTALLATION	1
1	base OS installation	2
2	Database	3
3	Apache	5
4	Servlet container	6
5	E-Mail	10
6	Jobsworth	11
II	ADMINISTRATION	12
7	Login	13
8	Menu Items	15
9	Widgets	52
10	Workflow	53

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.

I Installation

- 1 base OS installation 2
- 2 Database 3
- 3 Apache 5
- 4 Servlet container 6
- 5 E-Mail 10
- 6 Jobsworth 11

1 base OS 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).

2 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"
```

3 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 3.1: **APACHE WORKS**

4 Servlet container

text of servlet container



Important

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". ❶

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}" ❷
    driverClassName="com.mysql.jdbc.Driver" batchSize="-1"
    url="jdbc:mysql://${DBSERVER}:3306/${DBNAME}? ❸
    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 ---> ④
<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>

```

- ❶ If you are unsure, which "config" folder: search for a folder containing a subfolder "ROOT". It most probably is close to this. On my FreeBSD installation the config folder is located at:

```
/usr/local/apache-tomcat-7.0/conf
```

- ❷ 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"
```

- ❸ Example:

```
url="jdbc:mysql://172.20.50.4:3306/mydb?"
```

Remarks above are mandatory for getting Jobsworth running. All remarks below will add e-mail capabilities and may be configured later.

- ❹ Please fill in host, port and domain as given from your e-mail provider.

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.

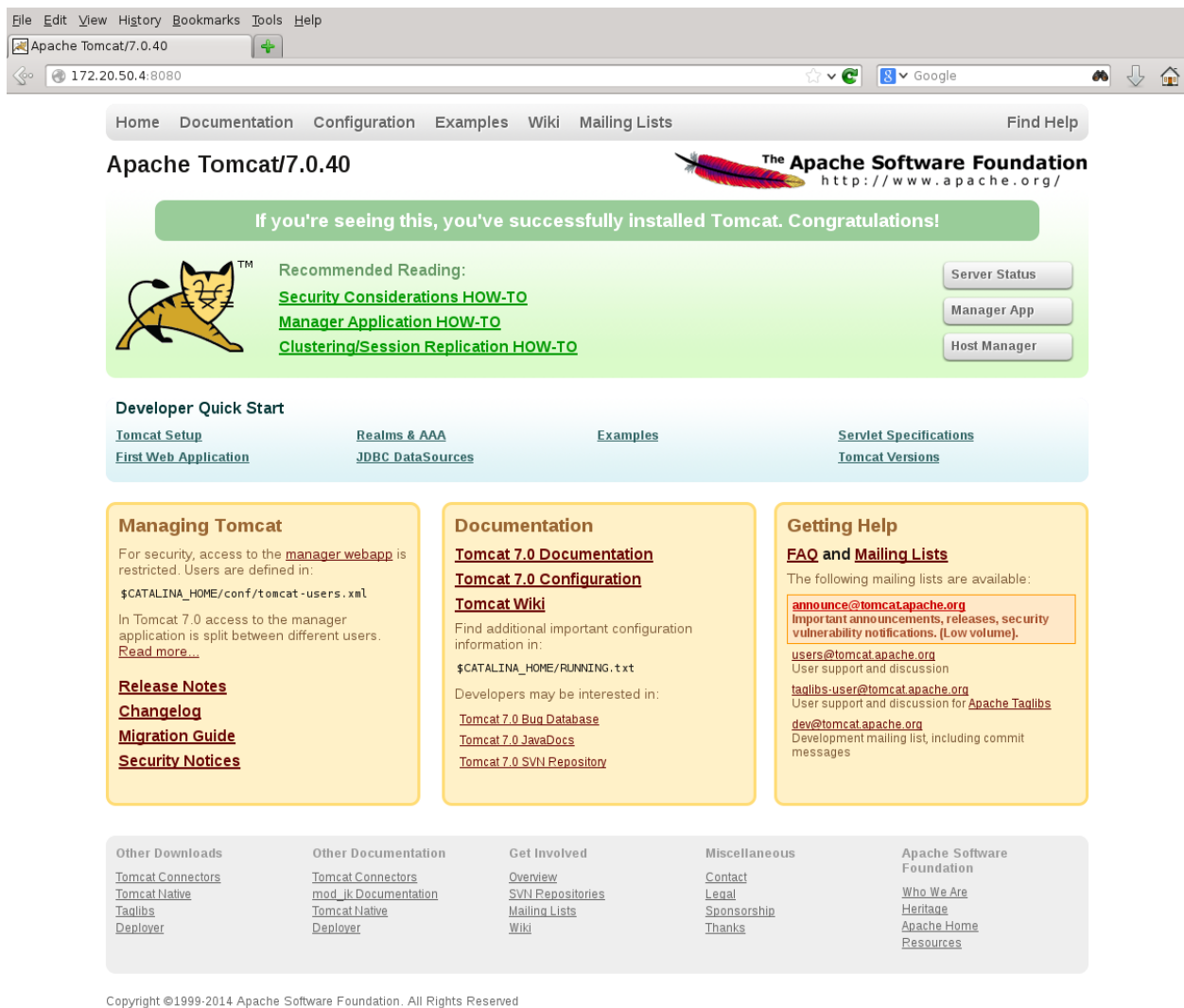


FIGURE 4.1: TOMCAT WORKS

5 E-Mail

t.b.d.

6 Jobsworth

t.b.d.

II Administration

- 7 Login 13
- 8 Menu Items 15
- 9 Widgets 52
- 10 Workflow 53

7 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.

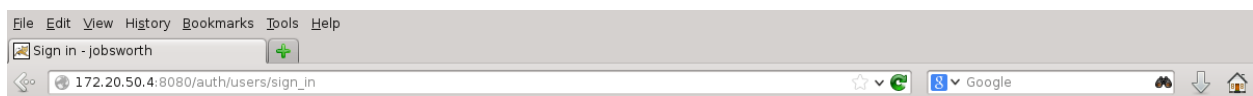
A 'Sign in' form with a light gray background. At the top, the text 'Sign in' is displayed. Below it, a red error message box contains the text 'Invalid user or password'. The form includes two input fields: 'Username' and 'Password'. Below the password field is a 'Remember me' checkbox. At the bottom, there is a 'Login' button and a link that says 'Forgot your password?'.

FIGURE 7.1: LOGIN



Important

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

8 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.

8.1 Overview

8.1.1 Dashboard

here we are

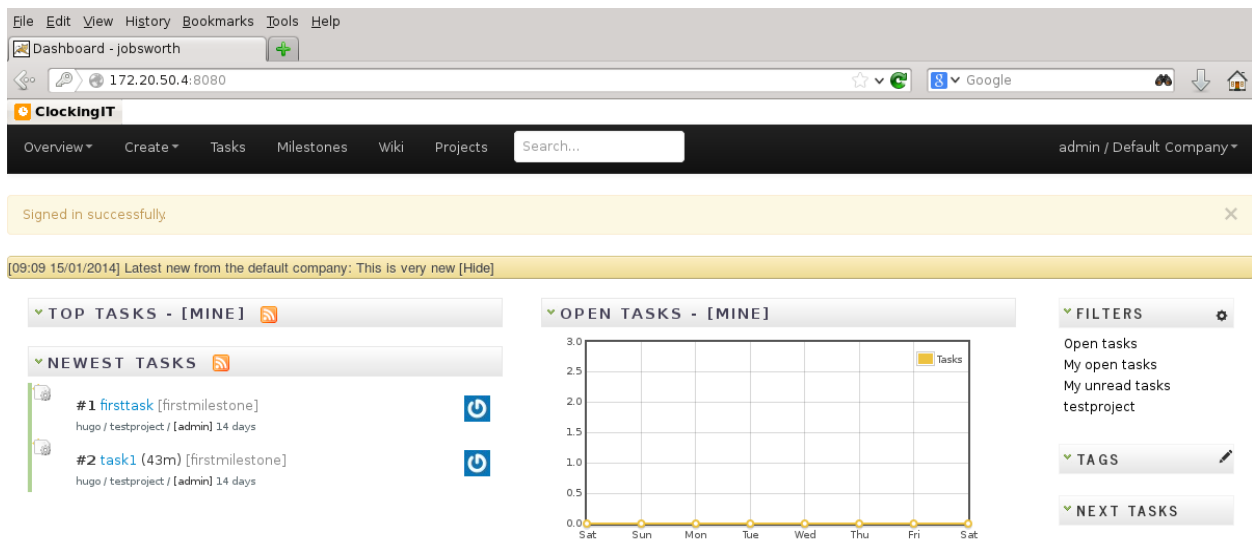


FIGURE 8.1: DASHBOARD

8.1.2 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.

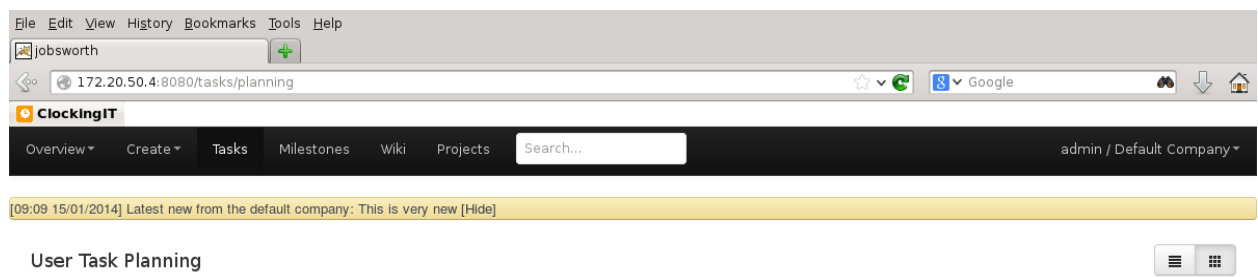


FIGURE 8.2: **PLANNING**

8.1.3 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 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 8.3: BILLING

8.1.4 History

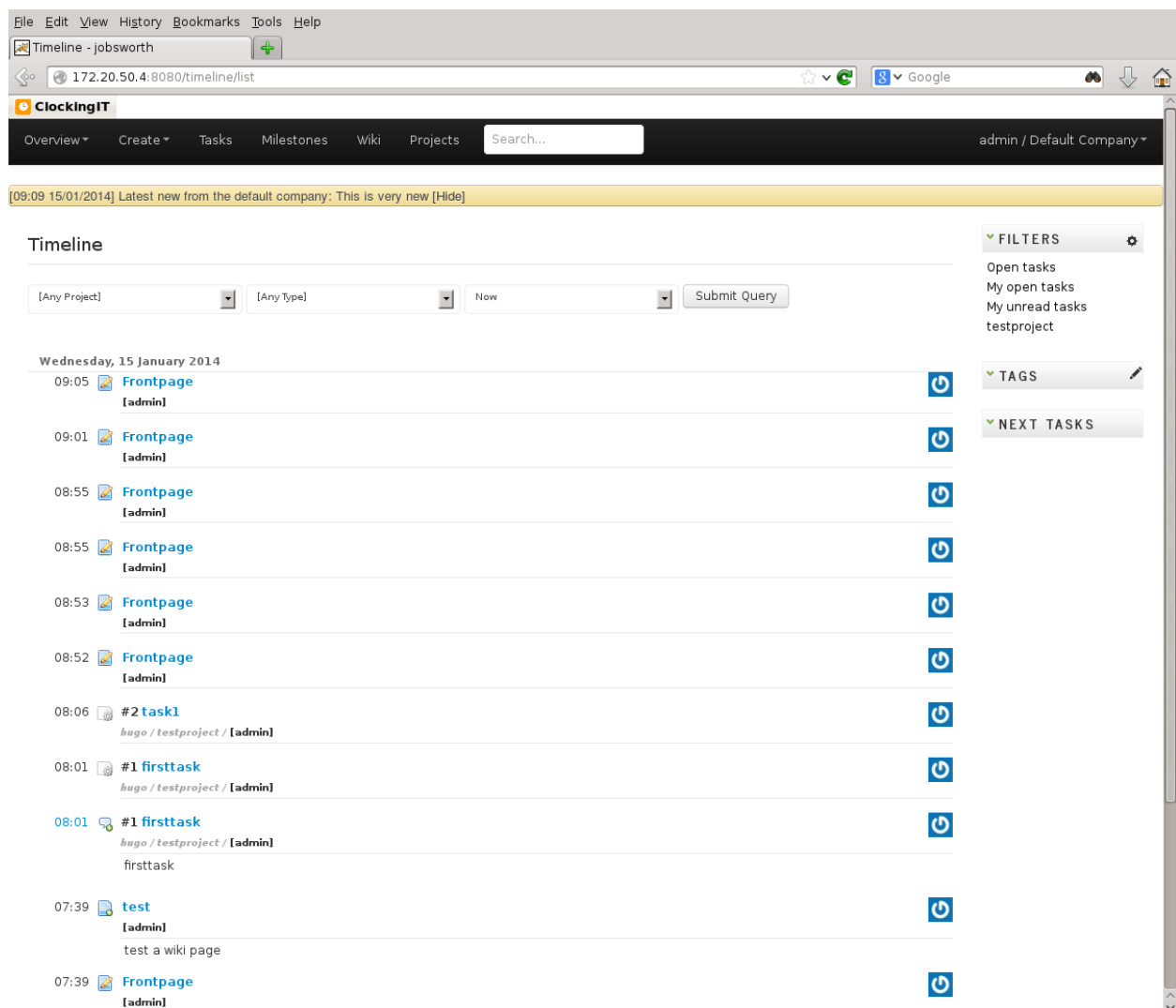


FIGURE 8.4: HISTORY

8.2 Create

8.2.1 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 a user profile '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 main form area is titled 'Enter task name...' and contains several input fields and dropdown menus. On the right, there is a sidebar with 'FILTERS', 'TAGS', and 'NEXT TASKS' sections. The 'FILTERS' section lists 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'. The 'TAGS' section is empty. The 'NEXT TASKS' section is also empty. The form fields include: 'Enter task name...', 'Add a todo item...', 'Enter task description...', 'Project' (Please select), 'Milestone' ([None]), 'Time Estimate' (1h (default)), 'Target Date', 'Resolution' (Open), 'Attributes' (Tags, Type: Task, Priority: Normal, Severity: Normal, Service: [None]), 'Notifications' (Companies, Users To Notify: admin), 'Snooze until' (Until customer responds, Snooze until), and 'Resources' (Linked Resources).

File Edit View History Bookmarks Tools Help

New Task - jobsworth

172.20.50.4:8080/tasks/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...

Enter task description...

Project Please select

Milestone [None]

Time Estimate 1h (default)

Target Date

Resolution Open

Attributes

Tags

Type Task

Priority Normal

Severity Normal

Service [None]

billable

Notifications

Companies

Users To Notify

admin

Snooze until

Until customer responds

Snooze until

Resources

Linked Resources

FILTERS

Open tasks

My open tasks

My unread tasks

testproject

TAGS

NEXT TASKS

FIGURE 8.5: CREATE TASK

8.2.2 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 located 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 8.6: CREATE PROJECT

8.2.3 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 is displayed with the following fields:

- Project:** A dropdown menu with 'testproject' selected.
- Name:** An empty 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:** An empty date input field.
- Description:** A large empty text area.

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

- FILTERS:** A section with a gear icon, containing links for 'Open tasks', 'My open tasks', 'My unread tasks', and 'testproject'.
- TAGS:** A section with a pencil icon, currently empty.
- NEXT TASKS:** A section with a gear icon, currently empty.

FIGURE 8.7: CREATE MILESTONE

8.2.4 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 search bar, and a navigation bar with links: Overview, Create, Tasks, Milestones, Wiki, Projects. The user is logged in as 'admin / Default Company'. A notification 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 user' and contains a form with the following fields: Name, Email, Username, Password, Company (with a refresh icon), color (set to 'blue'), Send welcome email (checkbox), Signup Message (text area with placeholder 'input welcome message here'), and Copy permissions from (dropdown set to 'No one'). A 'Create' button is located at the bottom of the form. A small note at the bottom of the Signup Message field 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 8.8: CREATE PERSON

8.2.5 Create Company

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/customers/new'. The browser's title bar shows 'New Customer - jobsworth'. The application's header includes a menu with '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 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 Customer' and contains a form with the following fields: 'Name' (text input), 'Contact name' (text input), and 'Active' (checkbox, which is checked). A blue 'Create' button is located at the bottom of the form. On the right side of the page, 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 8.9: CREATE COMPANY

8.2.6 Create Resource

The screenshot shows a web browser window with the URL `172.20.50.4:8080/resources/new`. The application is 'ClockingIT' and the user is 'admin / Default Company'. The main form is titled 'New Resource' and contains the following fields:

- Name:
- Company:
- Parent Resource:
- Type:
- Active: ☒
- Notes:

Below the form is an 'Attributes' section with a 'Create' button.

On the right side, there are three expandable sections:

- FILTERS** (gear icon):
 - Open tasks
 - My open tasks
 - My unread tasks
 - testproject
- TAGS** (pencil icon)
- NEXT TASKS**

FIGURE 8.10: CREATE RESOURCE

8.3 Tasks

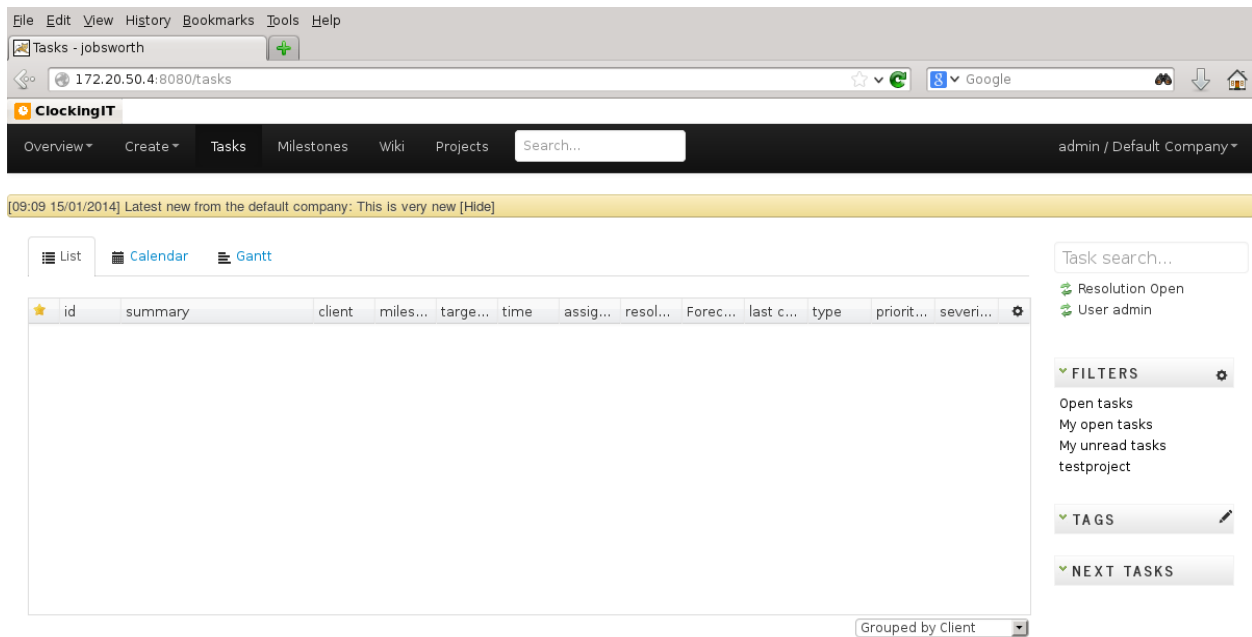


FIGURE 8.11: TASKS

8.4 Milestones

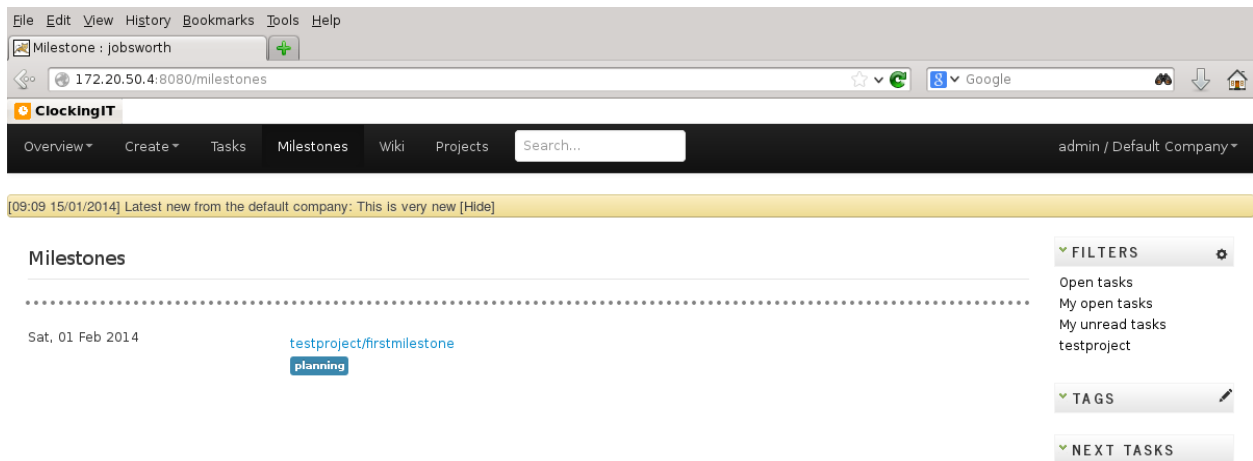


FIGURE 8.12: MILESTONES

8.5 Wiki

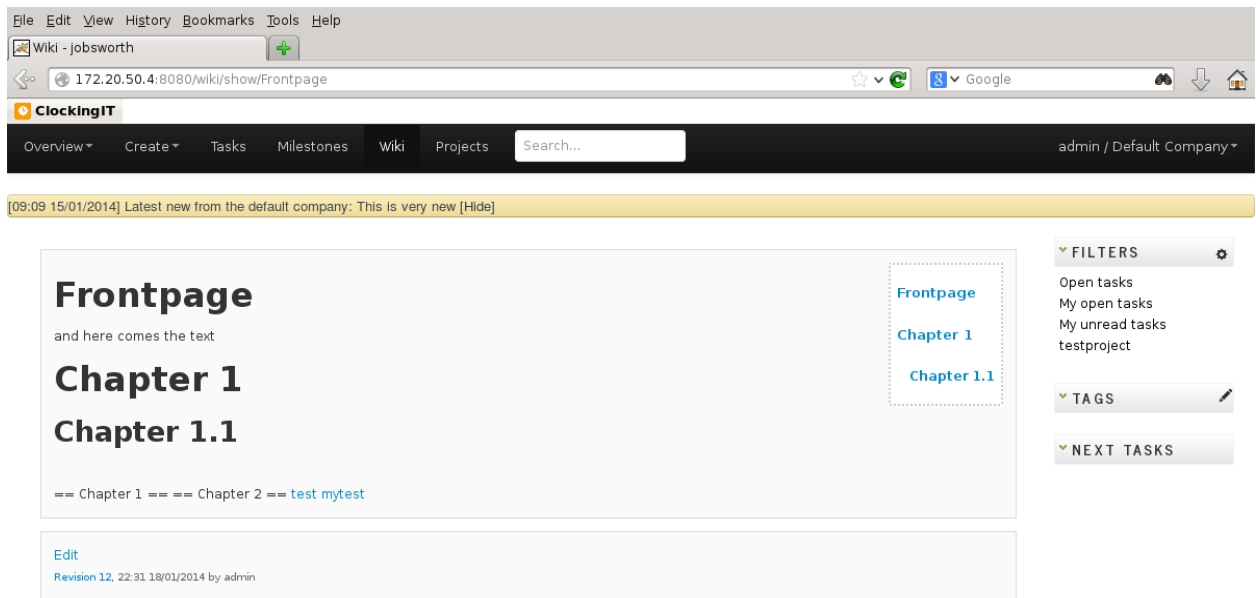


FIGURE 8.13: WIKI

8.6 Projects

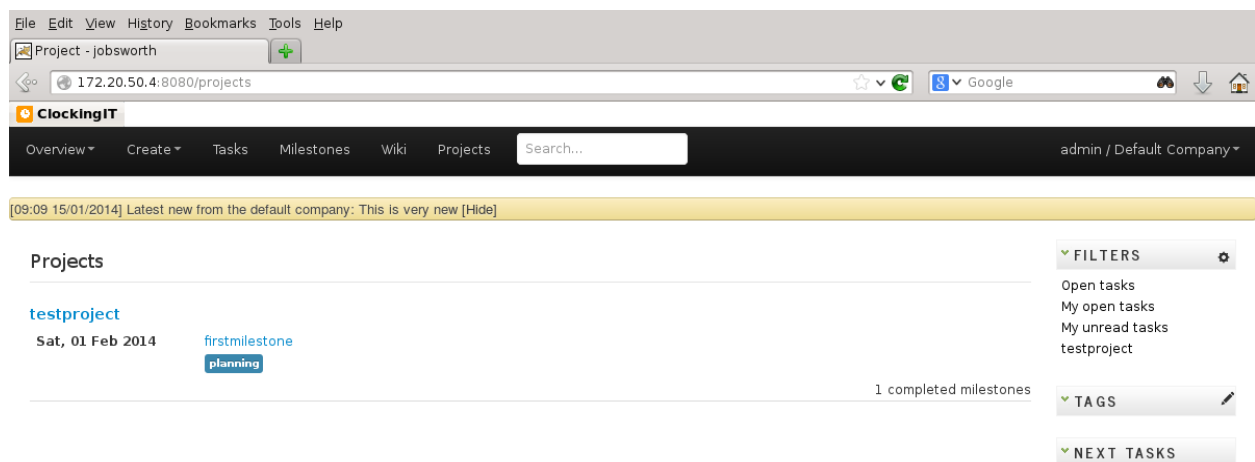


FIGURE 8.14: PROJECTS

8.7 MyAccount

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

The "General" settings for the user "admin" are as follows:

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 8.15: GENERAL

8.7.2 Access Control

The screenshot shows the ClockingIT web application interface. The browser address bar displays the URL `172.20.50.4:8080/users/1/access`. The application header includes a navigation menu with options: 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 indicates the time as 09:09 on 15/01/2014 and shows a message: 'Latest new from the default company: This is very new [Hide]'. The left sidebar contains a menu for '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 features a 'View Tasks' button. Below the title, there is a list of permissions for the 'admin' user, each with a checkbox: Administrator, Can Create Projects, Read client details, Create clients, Edit client details, Approve work logs, and Access Resources. All checkboxes are checked. Below these permissions is a 'Comment access level' dropdown menu and a 'Widget Key' field displaying the value '916feaf369f78f88e1c8fd70a9f7f3e0'. At the bottom of the form is a 'Save' button.

FIGURE 8.16: ACCESS CONTROL

8.7.3 E-Mail Addresses

The screenshot shows the ClockingIT web application interface. The browser address bar displays the URL `172.20.50.4:8080/users/1/emails`. The application header and navigation menu are identical to the previous screenshot. The user is logged in as 'admin / Default Company'. The status bar shows the same time and message. The left sidebar menu is the same, but 'Email Addresses' is now selected. The main content area is titled 'admin' and features a 'View Tasks' button. Below the title, there is a text input field containing the email address 'admin@example.org' with a 'Default' tag. Below this is another text input field labeled 'input email address' and an 'Add' button.

FIGURE 8.17: E-MAIL ADDRESSES

8.7.4 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 'ADMIN' options: '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 one has shared filters with the user. Below this, a section titled 'My filters' shows a single filter named 'testproject Shared' with 'Hide' and 'Delete' links. A 'View Tasks' button is located in the top right corner.

FIGURE 8.18: TASK FILTERS

8.7.5 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 'Add project to user' with an input field.

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

FIGURE 8.19: PROJECTS PERMISSIONS

8.7.6 Work Plan

The screenshot displays the ClockingIT application interface. The browser's address bar shows the URL `172.20.50.4:8080/users/1/workplan`. The application's header includes a navigation menu with options like Overview, Create, Tasks, Milestones, Wiki, and Projects. A search bar and the user's name 'admin / Default Company' are also present.

On the left sidebar, the 'Work Plan' option is highlighted. The main content area shows the user 'admin' with a 'New user' button. Below this, there are sections for 'Recent work' and 'Next Tasks'.

The 'Recent work' section lists four tasks:

- last Wed #2 task1 (43m spent)
- last Wed #2 task1 (43m spent)
- last Wed #1 firsttask (0m spent)
- last Wed #1 firsttask (0m spent)

The 'Next Tasks' section is currently empty.

The 'Work Plan' section features a table with columns for the days of the week (Mon, Tue, Wed, Thu, Fri, Sat, Sun) and rows for hours (8.0, 8.0, 8.0, 8.0, 8.0, 0.0, 0.0). An 'Update' button is located below the table.

FIGURE 8.20: WORK PLAN

8.8 Company Admin

8.8.1 General

The screenshot shows a web browser window with the address bar displaying '172.20.50.4:8080/companies/1/edit'. The page title is 'Company Settings - 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, titled 'ADMIN PANEL', lists 'General' (selected), 'Score Rules', 'Task Templates', 'Triggers', 'Services', 'News items', 'Snippets', and 'Orphaned Emails'. Below these are 'PROPERTIES' including 'Person', 'Company', 'Company Location', 'Work Log', 'Task', and 'Resource Type'. The main content area is titled 'Company Settings' and contains the following fields:

- Company name:** A text input field containing 'Default Company'.
- Use Wiki:** A checked checkbox.
- Use Resources:** A checked checkbox.
- Use Billing:** A checked checkbox.
- Use Score Rules:** A checked checkbox.
- Suppressed email addresses:** A large text area for entering email addresses. Below it, a note reads: '(seperate emails by comma or new line)'. A small grid icon is at the bottom right of the text area.
- Incoming Email Project:** A dropdown menu.
- New Logo:** A 'Browse...' button followed by the text 'No file selected.' Below this, a note reads: '(250x50px should look good. The logo will be shown up top instead of the jobsworth one, and on your login page.)'

A 'Save' button is located at the bottom of the form.

FIGURE 8.21: GENERAL

8.8.2 Score Rules

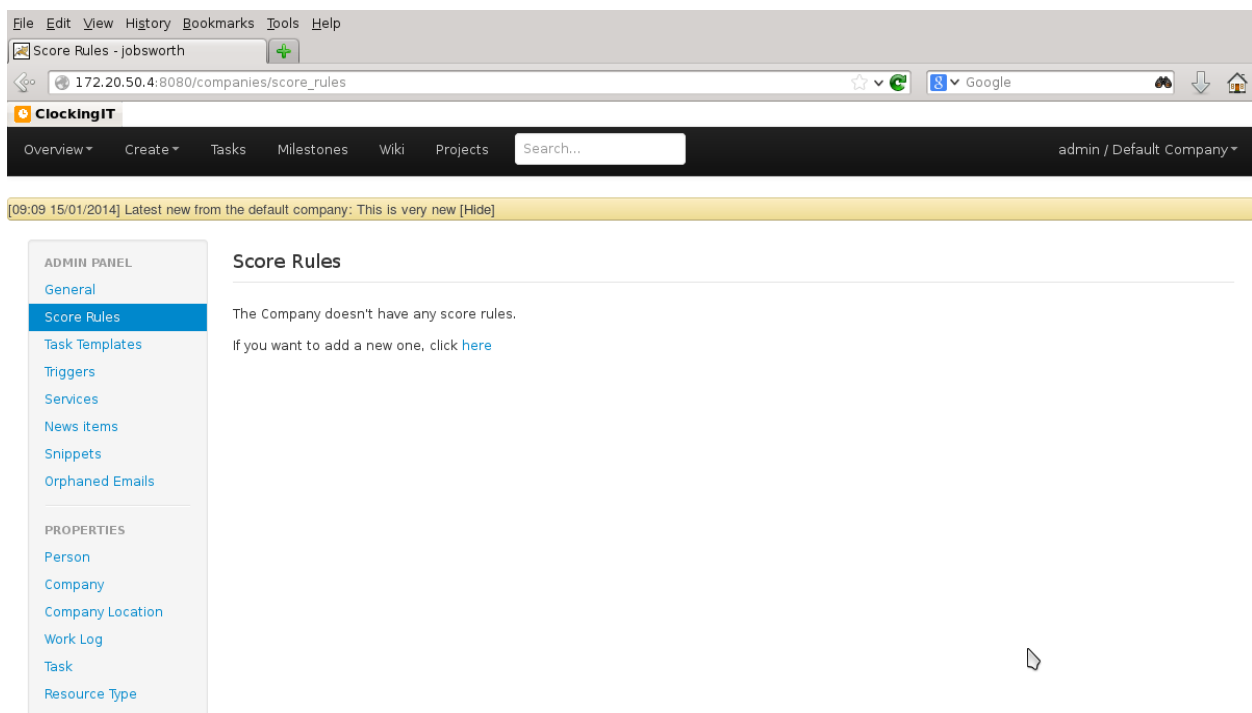


FIGURE 8.22: SCORE RULES

8.8.3 Task Templates

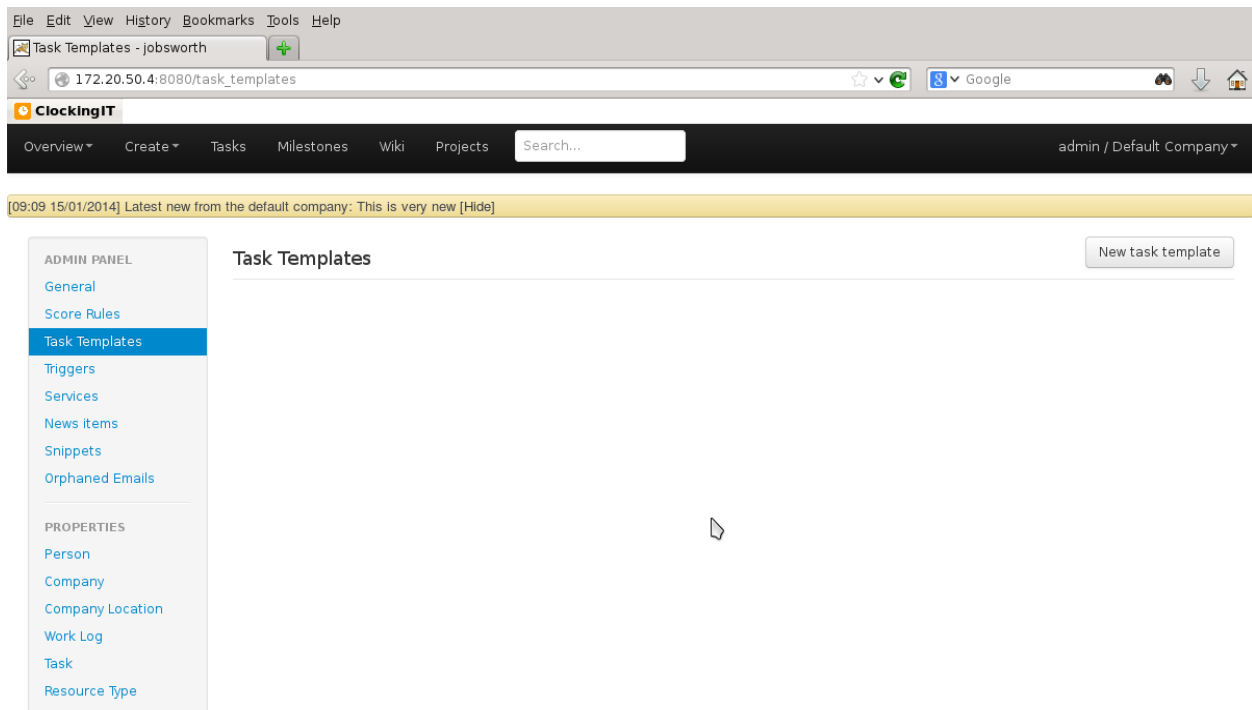


FIGURE 8.23: TASK TEMPLATES

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 8.24: NEW TASK TEMPLATE

8.8.4 Triggers

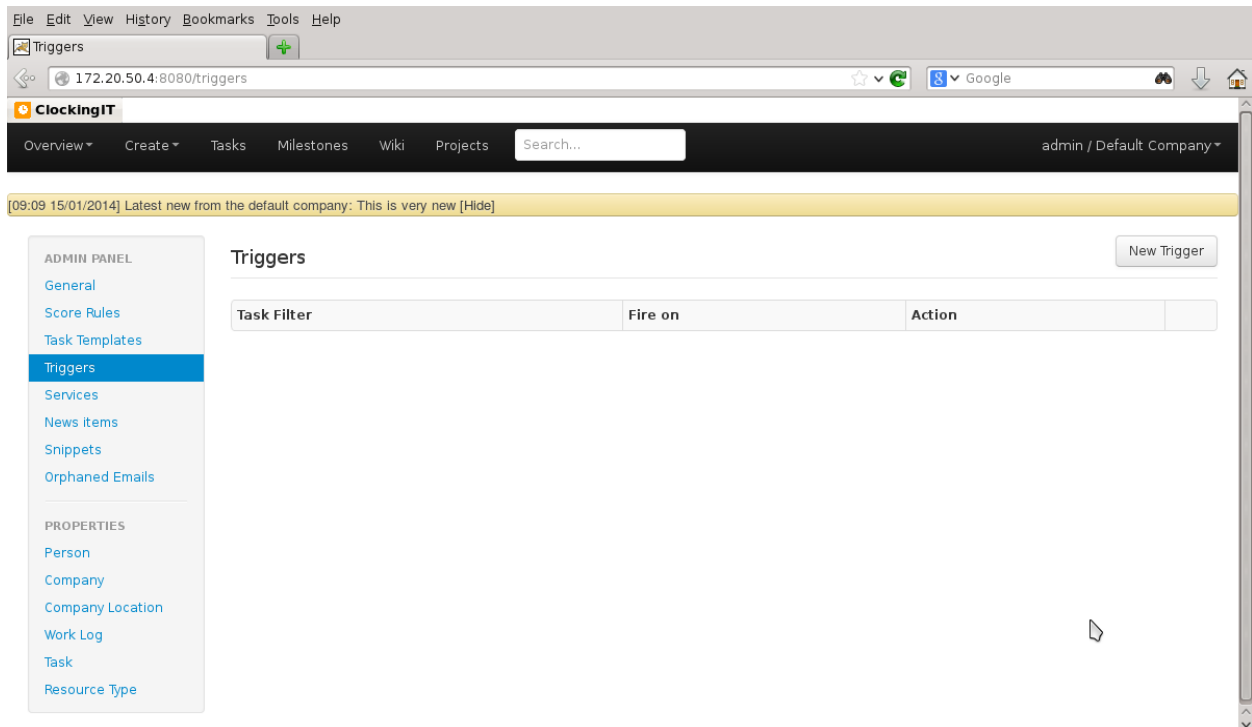


FIGURE 8.25: TRIGGERS

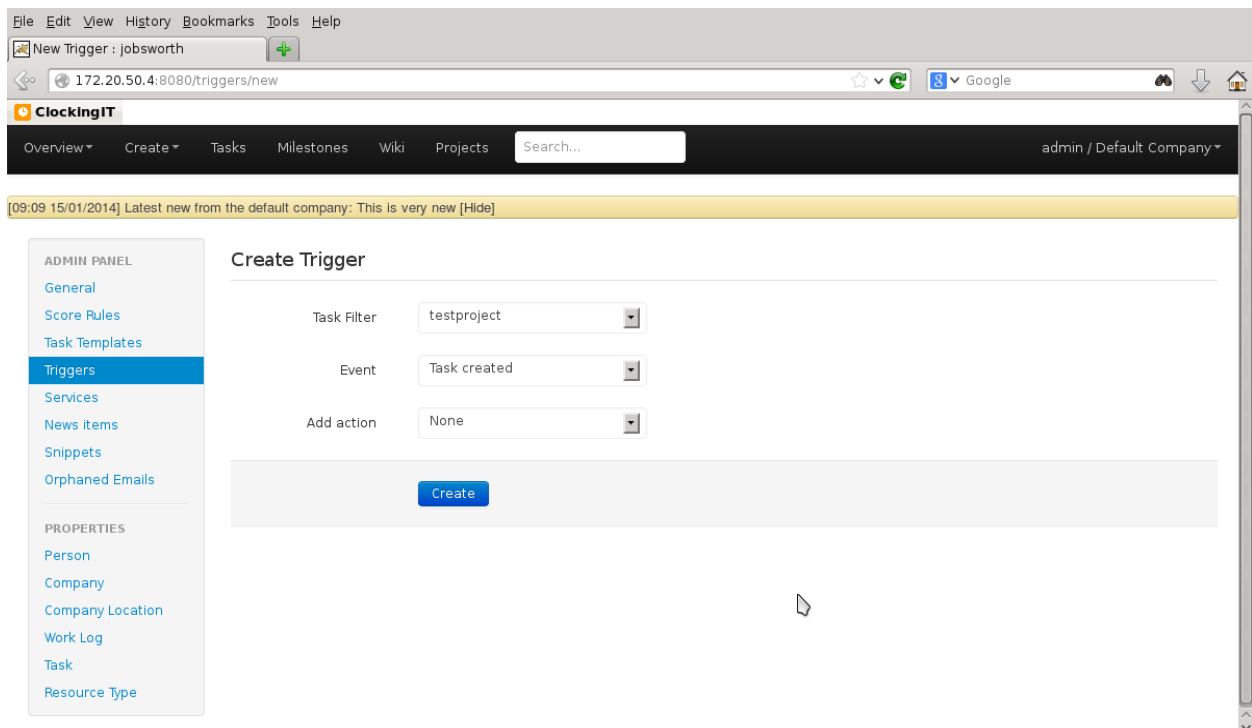


FIGURE 8.26: NEW TRIGGER

8.8.5 Services

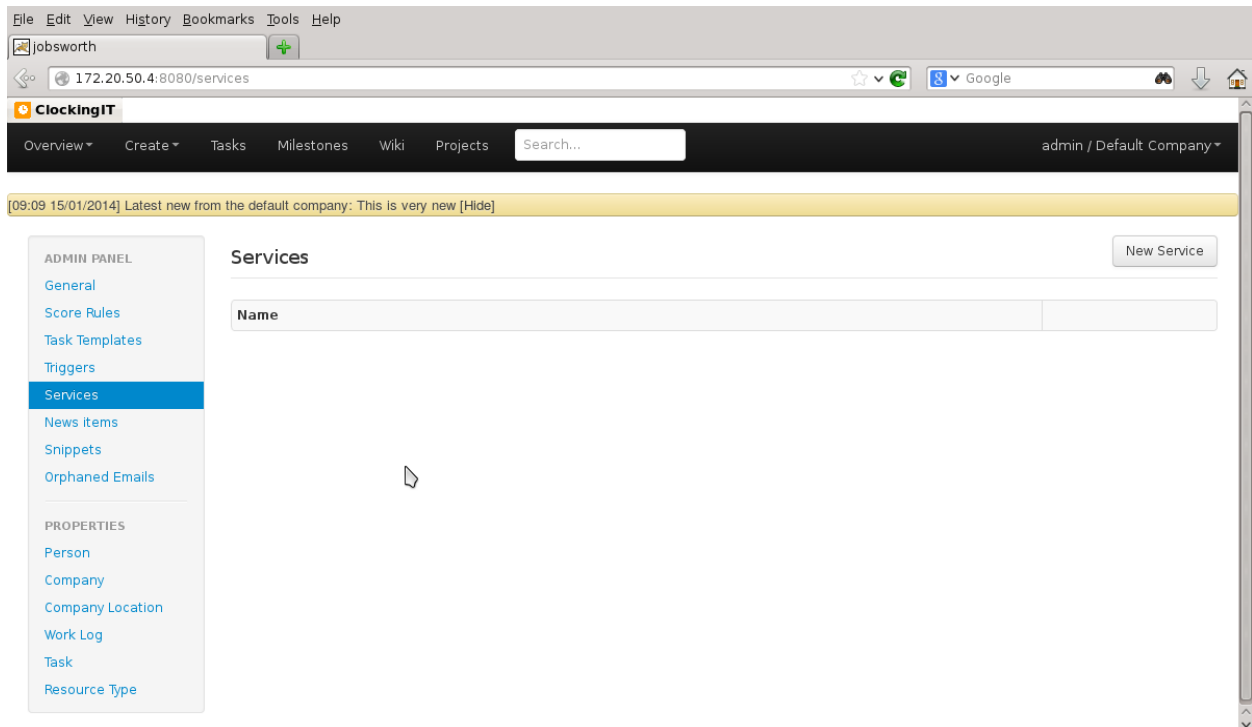


FIGURE 8.27: SERVICES

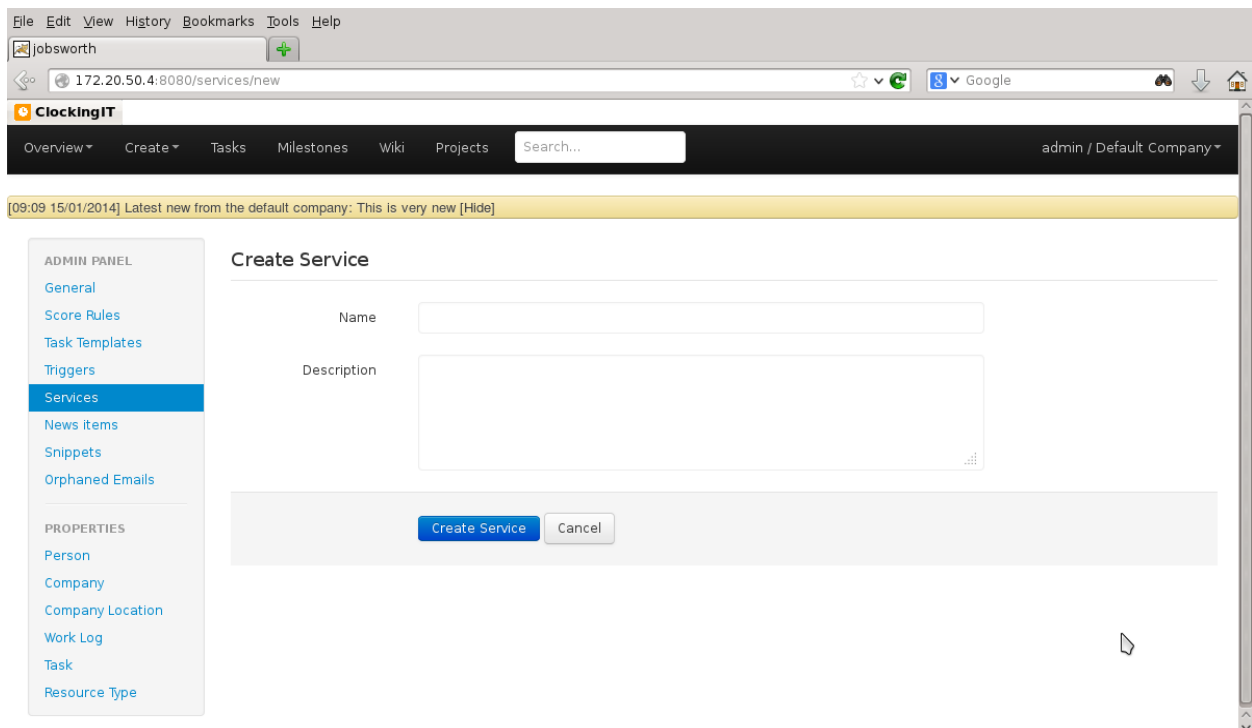


FIGURE 8.28: NEW SERVICE

8.8.6 News Items

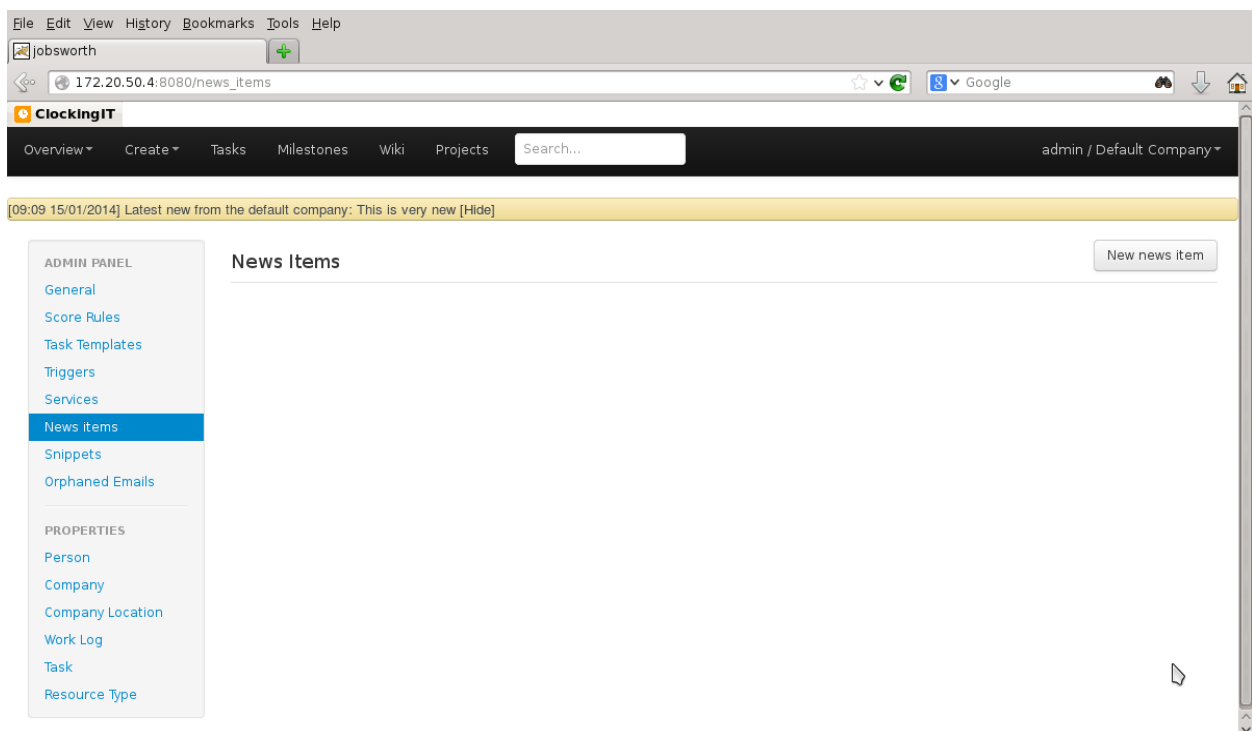


FIGURE 8.29: NEWS ITEMS

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 8.30: CREATE NEWS ITEM

8.8.7 Snippets

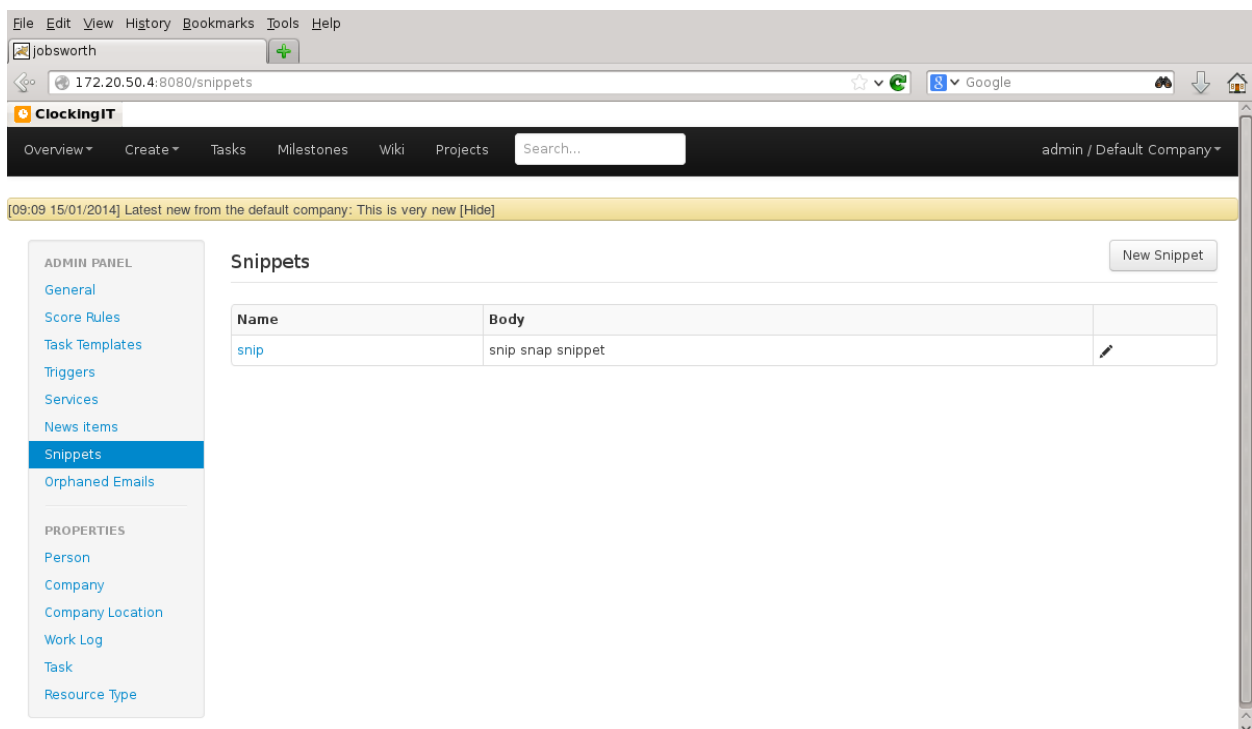


FIGURE 8.31: SNIPPETS

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 8.32: CREATE SNIPPET

8.8.8 Orphaned E-Mails

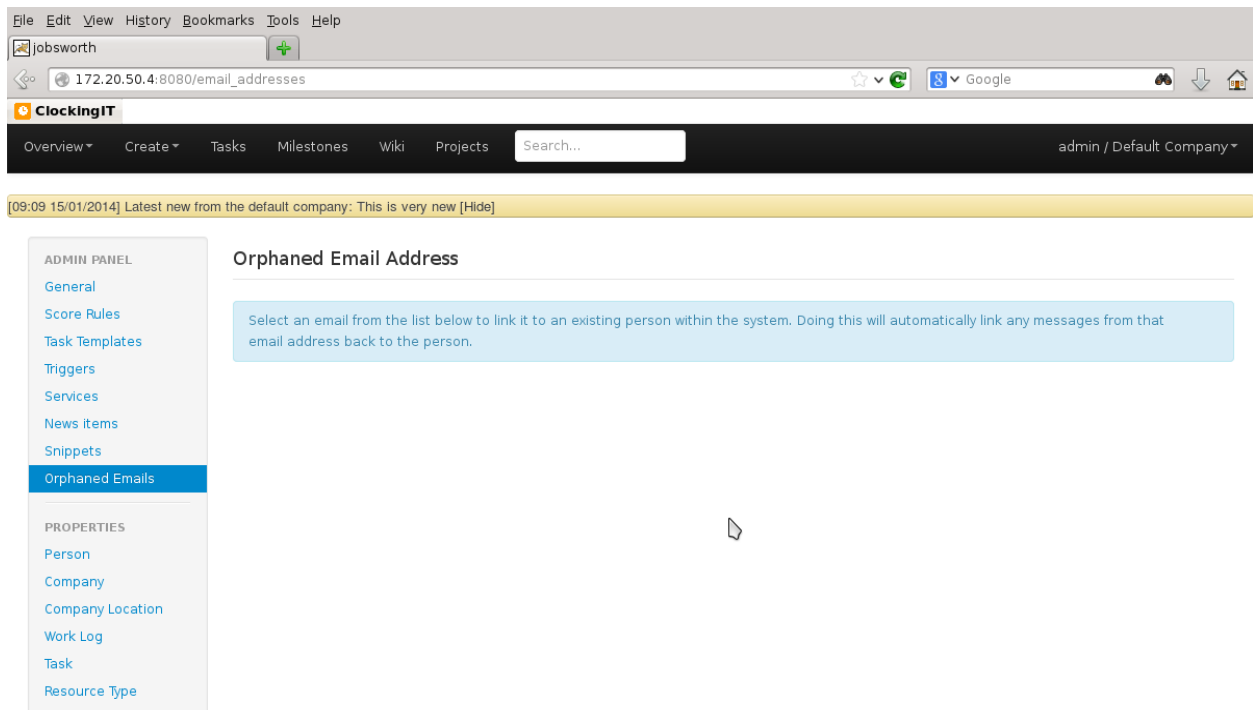


FIGURE 8.33: ORPHANED E-MAILS

8.9 Company Properties

8.9.1 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 application header includes a navigation menu with "Overview", "Create", "Tasks", "Milestones", "Wiki", and "Projects", along with a search bar and a user/logout link "admin / Default Company". A yellow banner 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 "User Properties" and contains a form for editing user attributes. On the left, a sidebar menu lists various sections: "ADMIN PANEL" (General, Score Rules, Task Templates, Triggers, Services, News items, Snippets, Orphaned Emails) and "PROPERTIES" (Person, Company, Company Location, Work Log, Task, Resource Type). The "Person" option is currently selected.

The "User Properties" form includes 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 8.34: PERSON

8.9.2 Company

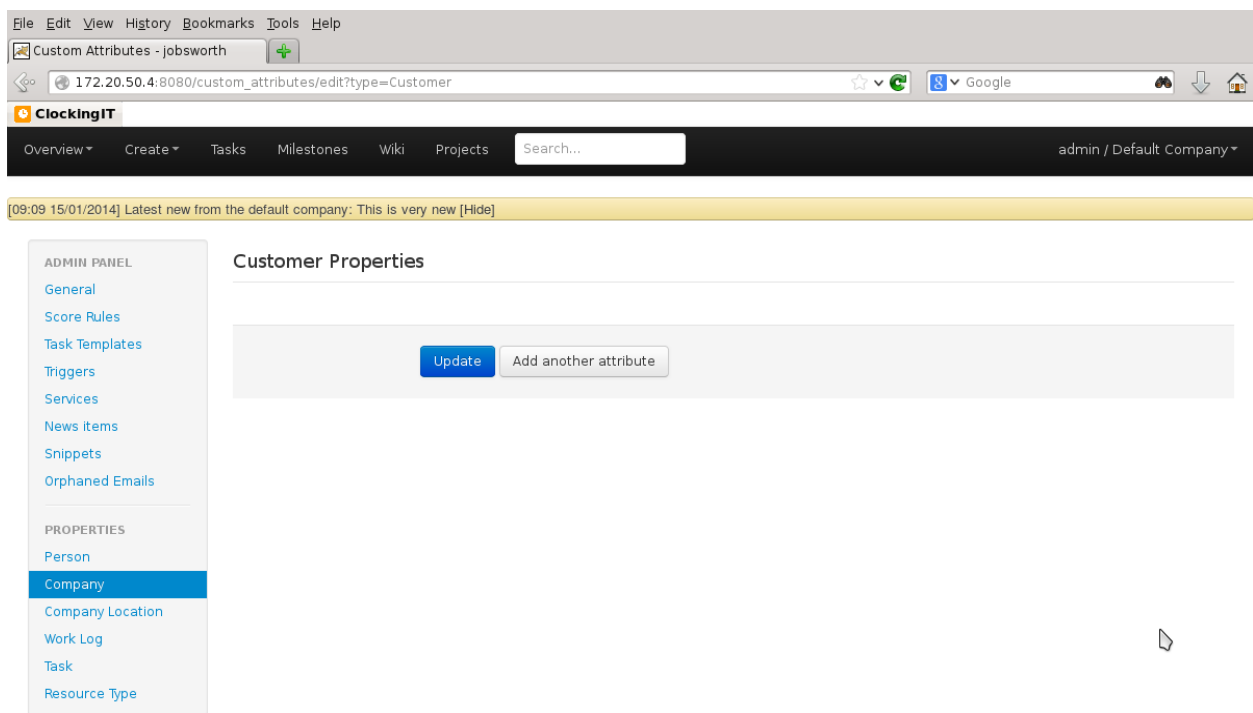


FIGURE 8.35: COMPANY

8.9.3 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 menu with "Overview", "Create", "Tasks", "Milestones", "Wiki", and "Projects", along with a search bar and a user profile "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 sections "ADMIN PANEL" and "PROPERTIES". Under "ADMIN PANEL", "Company Location" is selected. Under "PROPERTIES", "Person", "Company", "Work Log", "Task", and "Resource Type" are listed.

The "Organizational Unit Properties" form includes 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 are two buttons: "Update" and "Add another attribute".

FIGURE 8.36: COMPANY LOCATION

8.9.4 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". It contains several configuration 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, there are two buttons: "Update" and "Add another attribute".

The left sidebar contains a menu with the following items:

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

FIGURE 8.37: WORKLOG

8.9.5 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 8.38: TASK PROPERTIES

8.9.6 Resource Type

The screenshot shows a web browser window with the URL `172.20.50.4:8080/resource_types`. The application header includes a menu with `Overview`, `Create`, `Tasks`, `Milestones`, `Wiki`, and `Projects`, along with a search bar and a user profile `admin / Default Company`. A notification bar at the top displays 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 **Resource Types** and features a `New resource type` button. Below the title is a table with the following data:

Name	Attributes		
room	0	Edit	Delete

A left-hand sidebar contains two sections: **ADMIN PANEL** with links like `General`, `Score Rules`, `Task Templates`, `Triggers`, `Services`, `News Items`, `Snippets`, and `Orphaned Emails`; and **PROPERTIES** with links like `Person`, `Company`, `Company Location`, `Work Log`, `Task`, and `Resource Type` (which is highlighted).

FIGURE 8.39: 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	<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 8.40: CREATE RESOURCE TYPE

9 Widgets

10 Workflow