




Smart Laundry User's Guide

December 2017

Group Yellow



In this document we have described how to use Smart Laundry. Table of contents is divided into two parts. First part is about different tasks you can do with Smart Laundry as an admin and the second part describes how to use it as a user.

TABLE OF CONTENTS

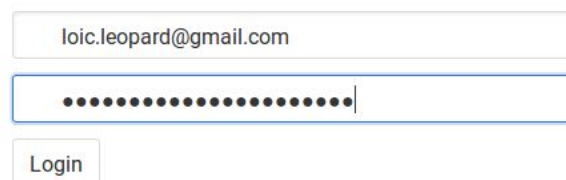
| | |
|--------------------------|----------|
| Admin | 3 |
| Logging into Admin Panel | 3 |
| Overview of Admin Panel | 3 |
| User Management | 4 |
| Machine Management | 4 |
| Machine Configuration | 5 |
| Recording a Program | 5 |
| View Recordings | 6 |
| Relating a program | 6 |
| Live status | 7 |
| Managing Programs | 7 |
| Statistics | 8 |
| User | 9 |
| User Panel | 9 |
| Launching a Cycle | 9 |
| Settings | 10 |
| Analytics | 11 |

Admin

Logging into Admin Panel

Both admins and users can easily log into their panels using the same login form in the home page of the website.

Login @ Smart Laundry



A login form with two input fields and a button. The first field contains the email 'loic.leopard@gmail.com'. The second field contains a password represented by 12 dots. Below the fields is a 'Login' button.

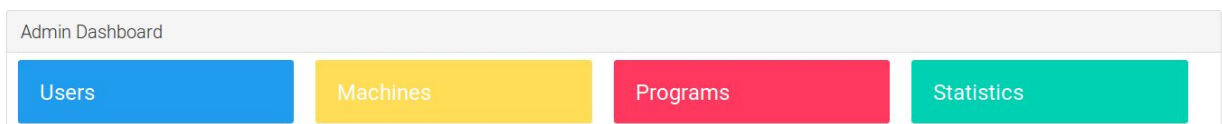
| |
|------------------------|
| loic.leopard@gmail.com |
| |
| Login |

Overview of Admin Panel

You can access different parts of the admin panel directly from main page of the admin panel.

@ Smart Laundry

Logout



A navigation bar for the Admin Dashboard. It has a title 'Admin Dashboard' and four colored buttons: 'Users' (blue), 'Machines' (yellow), 'Programs' (red), and 'Statistics' (teal).

| | | | |
|-----------------|----------|----------|------------|
| Admin Dashboard | | | |
| Users | Machines | Programs | Statistics |

User Management

By clicking on the “Users” button on admin panel you can access user management panel. As an admin you can add a new user or edit/delete existing ones. To edit a user, you just need to modify the intended field.

@ Smart Laundry

Logout

< Back

| Manage Users | | | | | |
|----------------------|----------------------|------------------------|-----------|----------------------|-------------------------|
| First Name | Last Name | Email | User role | Password | Actions |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | user | <input type="text"/> | <button>Add</button> |
| Adrien | Remond | admin@test.com | admin | set new password | <button>Delete</button> |
| Jean | Pierre | jean@pierre.com | user | set new password | <button>Delete</button> |
| Lise | Evan | user@test.com | user | set new password | <button>Delete</button> |
| Loïc | Léopard | loic.leopard@gmail.com | admin | set new password | <button>Delete</button> |
| Yves | Athanasiades | yves@athanasiades.com | admin | set new password | <button>Delete</button> |

Machine Management

Through “Machines” button, you can access machine management panel. In the “Manage Machines” section you can add a new machine or modify the existing ones. In order to add a new machine you need to enter the MAC address of the corresponding thingy device.

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Logout

< Back

| Manage Machines | | | |
|--------------------------------|----------------------|----------------------|--|
| State | Name | MAC address | Actions |
| | <input type="text"/> | <input type="text"/> | <button>Add</button> |
| <button>Start Washing</button> | Cat | C1:42:08:DD:A2:BB | <button>Configuration</button> <button>Delete</button> |
| <button>Start Washing</button> | Real Thingy52 | D9:60:EB:5F:DF:E3 | <button>Configuration</button> <button>Delete</button> |
| <button>Start Washing</button> | Test1 | AA:BB:CC:DD:EE:F0 | <button>Configuration</button> <button>Delete</button> |

Machine Configuration

Recording a Program

Smart Laundry is able to record a program to be used for machine learning purpose. It helps Smart Laundry to automatically detect when a washing cycle is done for a particular program. Please remember that the intended program should be in the list of “Related Programs” of the current machine. Relating a program to a machine is described in the “Relating a Program” sections of this documentation.

Start Machine Learning with **Real Thingy52**

Chemise ▾

Record the Chemise program

You can stop recording as soon as you wish.

Start Machine Learning with **Real Thingy52**

The Machine is LEARNING at the moment

Stop Learning

View Recordings

As an admin you are able to view all recordings. These recordings will affect the automatic detection of a completed washing cycle.

| All recorded machine learning cycles for Real Thingy52 | | | |
|---|--------------|--------------------------|------------------------|
| Select a program | | | |
| Chemise ▼ | | | |
| Washing Program | Duration (s) | Started | Actions |
| Chemise | 3051 | 2017-11-24T22:08:09.000Z | delete |
| Chemise | 3392 | 2017-11-26T14:59:43.000Z | delete |
| Chemise | 6 | 2017-12-17T10:49:59.000Z | delete |
| Chemise | 10 | 2017-12-17T11:04:52.000Z | delete |
| Chemise | 26 | 2017-12-17T12:17:49.000Z | delete |

Relating a program

To be able to use or record a program on a particular machine, you need to relate the program to the current machine

| Related Programs to the machine Real Thingy52 | |
|--|--|
| Name | Actions |
| Cotton ▼ | Relate Cotton to the machine Edit all programs |
| Chemise | unrelate |

Live status

You can view the current status of the each machine device at the bottom of the page in “Live Data” section.

| Live Data |
|---|
| Humidity: 25.015076708417343 Temperature: 22.245957261474757 State: READY |

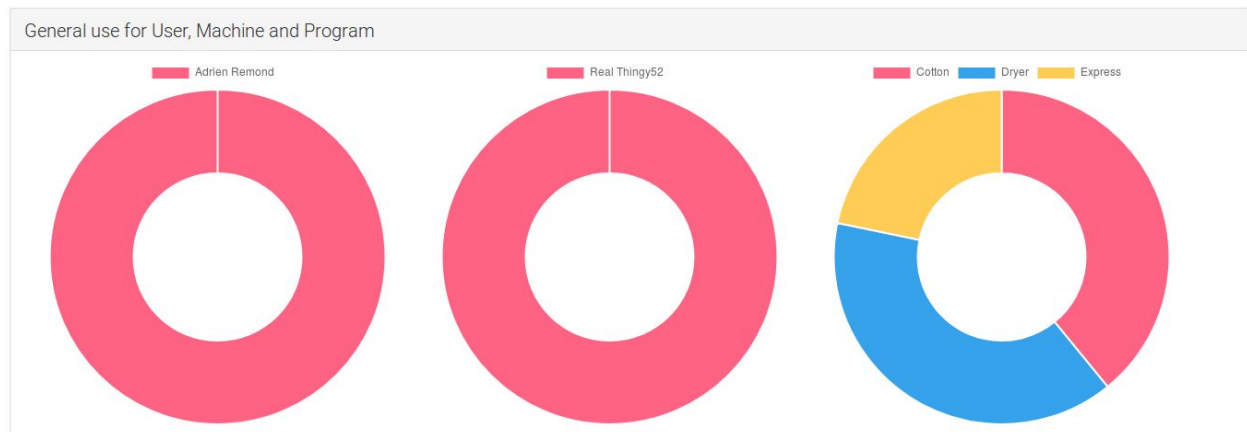
Managing Programs

To add a new program you only need to enter an individual name and then click on add button. You can then use these programs to relate them to the intended machine(s).

| Programs overview | |
|-----------------------------------|-------------------------|
| Name | Actions |
| <input type="text" value="Jean"/> | <button>Add</button> |
| Chemise | <button>delete</button> |
| Cotton | <button>delete</button> |
| Dryer | <button>delete</button> |
| Express | <button>delete</button> |

Statistics

An over of the statistics related to usage per user/machine/program is shown in the "Statistics" sections of admin panel.



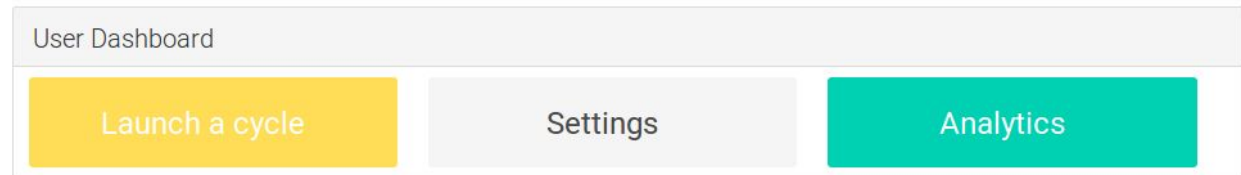
User

User Panel

As shown below, user's panel consists of three options. As a user, you can start a washing cycle, change user settings or view the analytics.

@ Smart Loundry

Logout

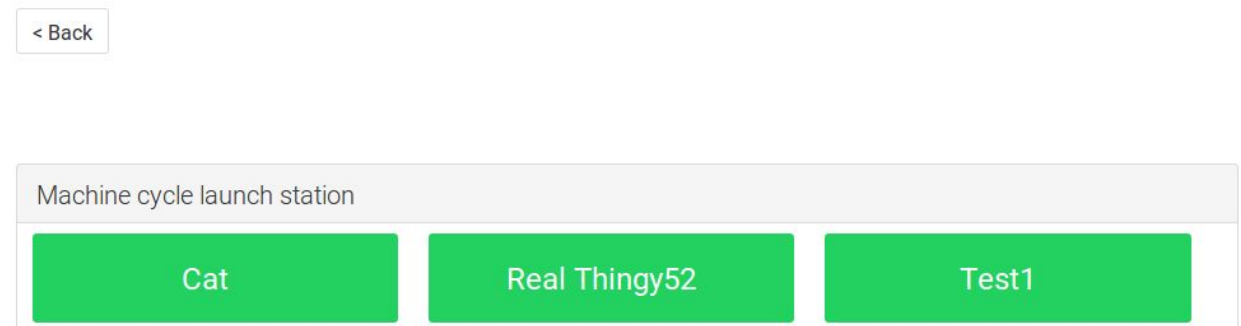


Launching a Cycle

To start a washing cycle, just click on the intended machine name.

@ Smart Loundry

Logout



As soon as the machine gets started you will see a message that the machine has started.

@ Smart Laundry

Machine started

Logout

< Back

Machine cycle launch station

Cat

Real Thingy52

Test1

Settings

To edit user settings, go to the "Settings" section of user panel and modify the field you want, then click on save.

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Logout

< Back

User settings

Firstname

Adrien

Lastname

Remond

Notification Token

uftwdgq1v5s8g6z3zviwci95si831p

Notification Token for Application

ak6g8g4tw18vb6o29ortfepefi3wgz

Save

Analytics

In the “Analytics” page you can see graphs related to usage per type(program) and machine for the current user.

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Logout

< Back

User program usage by type / User machine usage by type

