BRANDED STORE - CUSTOMISATION

Branded store can be customised in many ways without touching the code at all. This document is explaining what can be customised and how to do that.

All customisation happens in the *public/brand-settings* folder. That folder consists of the following items (in addition to this help.pdf document):

- A branding folder called *brand* containing brand graphical assets
- Editable *brand.csv* file that contains all the rest of the customisable brand information
- Editable *snaps.csv* containing information about the installable snaps in the system
- A folder called *snaps-icons* containing all the icons for snaps that are listed in *snaps.csv*

Folder structure

brand folder

There should be 2 image files in this folder: logo.png and product.png.

logo.png
- This logo image is shown in the footer
- File name needs to be logo.png but the file format doesn't necessarily need to be png.
- No maximum width or height has been defined for the image resolution but the rendering height is fixed to 48 px
- Preferred height is 96 px. (2x the rendering height for retina screens)
- Image width will be adjusted to keep the original aspect ratio
- Preferred aspect ratio for the logo is wide format since the image is used in the footer and the height is quite limited.
- Note that there isn't a reference to this image in brand.csv file

product.png
- This product image is shown in the banner at the top of the home page.
- File name needs to be product.png but the file format doesn't necessarily need to be png.
- No maximum width or height have been defined for the image resolution but the rendering size is limited to 240x240 px
- Preferred size: 480x480 px (2x the rendering size for retina screens)
- No minimum resolution, no minimum size is set in CSS so small resolution image results to a small image element
- Note that there isn't a reference to this image in brand.csv file

brand.csv

This csv file contains following brand information (check [customisation items section](#) to see where these are used in the UI):

- Brand Name
- Brand URL
- Color
- Product Name
- Product Serial
- Documentation URL

- Terms and condition URL

The data is inserted in plain text that will be styled later in CSS. Field width is not restricted by the csv format but keep in mind that some very long text fields may break the layout a bit. The demo implementation is not production ready and all the corner cases are not taken into account yet.

Note that only one brand can be "active" at once. You can have multiple brand options stored in the csv file but only the first data row is read in the code.

snaps.csv

This file defines the snaps in the demo. In snaps.csv each row represents one snap application.

This csv file has following data fields (check customisation items section to see where these are used in the UI):

Mandatory fields:

- Name
- Price (USD)
- Icon Name
- Author
- Description
- Category
- Size (MB)
- Version
- Interfaces (comma separated)
- Review Author
- Review Text

Optional field:

- Snap ID

The rows 2..n of the file define the snaps in the store. They are not pre-installed and don't appear initially on the home screen but can be installed via the store (access the store from the home page + card)

The first row of the file is a bit of an exception. This defines the pre-installed application which is always the first card in the home page snap grid and which cannot be removed from the system. (10. Pre-installed snap in home page)

There is no limit for snap item count in this file. Feel free to define as many of those as you want. Just make sure that you remember add an image file matching the Icon Name field to *snap-icons* folder.

Snap ID

This is an optional field in the csv file and is not present by default. Defining a 'Snap ID' for a snap is entirely optional but can be useful in some cases. Internally in the code every snap has an ID which differentiates one snap from another. The ID is also used in the enable/disable snapweb api call that either enables or disables the snap package that is running in the system. For a successful api call the front-end ID needs to match with the real snap package name. By default the ID is generated from the csv file 'Name' field by replacing uppercase letters with lowercase letters and spaces with dashes. So for example 'Test App' name would translate to 'test-snap' ID.

So if your actual snap package would be 'snap-app-mwc2017-demo' and you didn't define a 'Snap ID' for it in the csv, you would need to put something like 'Snap App MWC2017 Demo' in 'Name' field to get correct Id generated automatically. Which is not maybe what you want to see in the UI. This is when 'Snap ID' field comes handy as you can directly define 'snap-app-mwc2017-demo' as 'Snap ID' and still have some more sensible name to be shown in the UI. Say for example 'Snap App'.
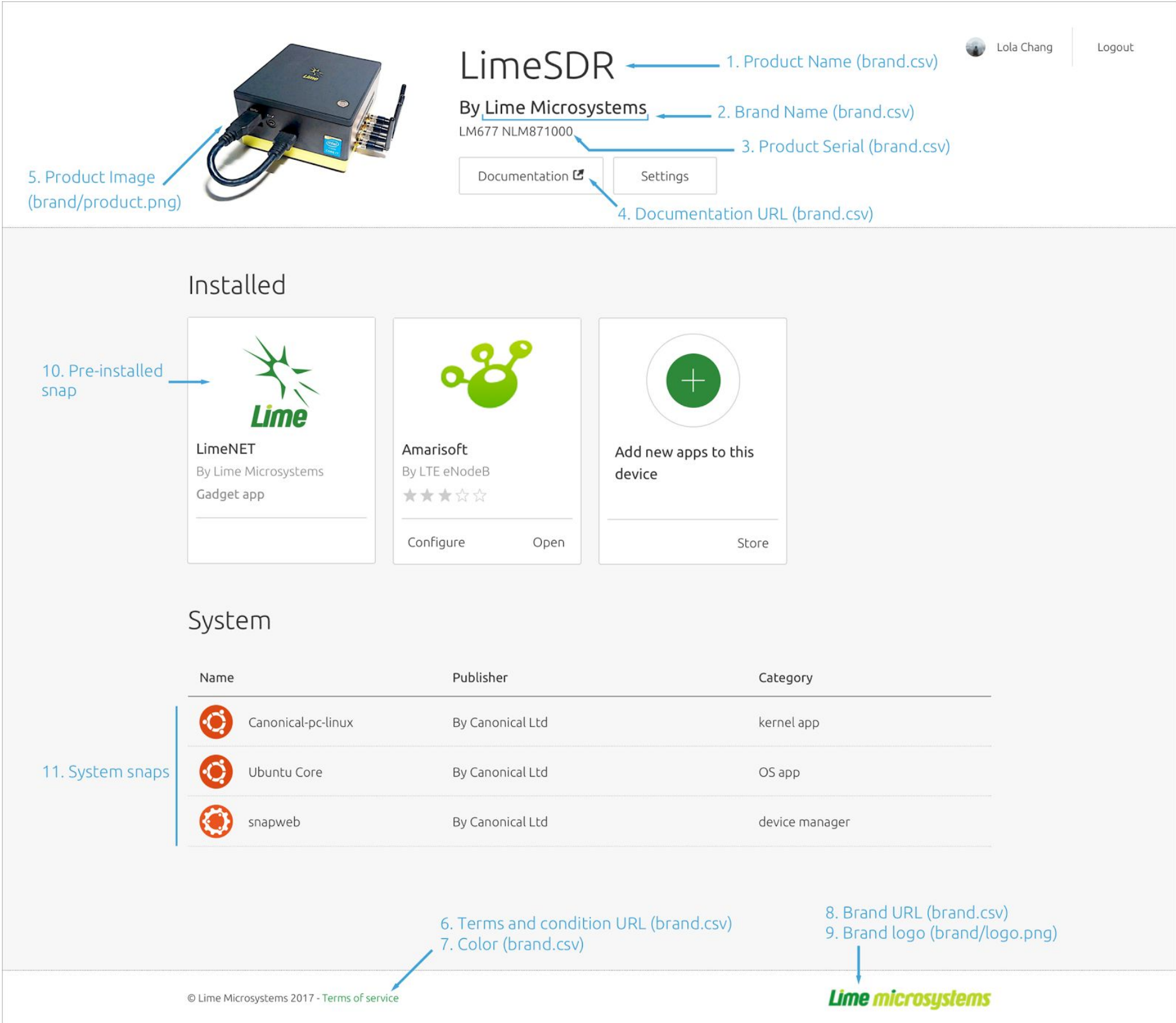
snaps-icons folder

Contains all the snap icons. There should be as many icons in this folder as there are snaps listed in *snaps.csv.* An icon file:

- Can be in png, jpg or svg format
- Square icons are preferred because the icon is placed inside a rectangular container. Square icons show bigger in the UI.
- Preferred resolution: 228x228 px

Customisation items

Home page

This is the landing page for the store. See the screenshot for the customisable items.

1. **Product Name:** An editable field in brand.csv
2. **Brand Name:** An editable field in brand.csv
3. **Product Serial:** An editable field in brand.csv
4. **Documentation URL:** An editable field in brand.csv. This field is the actual url that will be opened in a different tab when the button is clicked. The visual appearance of the button remains the same.
5. **Product Image:** An image in the home page banner. File location is *brand-settings/brand/product.png*. See more detailed description of product image requirements.
6. **Terms and condition URL:** An editable field in brand.csv. This field is the actual url that will be opened in a different tab when the link is clicked. The text in the footer is not editable and remains always "Terms of service".
7. **Color:** An editable field in brand.csv. Defines the brand color that is used for links, tags and category names. The color can be given in hexadecimal (*#00FF00*), RGB (*rgb(0,255,0)*) or HSL (*hsl(120, 100%, 50%)*) format. Also predefined web color names should work just fine.
8. **Brand URL:** An editable field in brand.csv. A url that will be opened when the logo is clicked.

9. **Brand logo:** A brand image used in the footer. File location is *brand-settings/brand/logo.png*. See more detailed description of [logo image requirements](#).

10. **Pre-installed snap:** The snap that is defined as the first item in snaps.csv is treated as a pre-installed snap and is placed as the first item in home page. This snap has few particularities:
    a. Doesn't have a price even if it was set in csv file
    b. Cannot be removed
    c. Snap type is always "Gadget app"

11. **System snaps:** Built in the system snaps. These snaps cannot be changed or removed. Only way to do that is to edit the code.

Snap detail page

This page is opened when a snap item item is clicked. See the screenshot for the customisable items.

12. **Name:** An editable field in snaps.csv. Name of the snap.

13. **Author:** An editable field in snaps.csv. Name of the author that is shown in the snap card and in the summary.

14. **Icon Name:** An editable field in snaps.csv. An image file with the name defined in this field has to be found in *brand-settings/snaps-icons* folder. Read more about the [icon requirements](#).

15. **Price (USD):** An editable field in snaps.csv. Give the price without currency character which will be added in HTML.

16. **Interfaces:** An editable field in snaps.csv. Interfaces should be comma separated in the csv file field. Please define at least one

interface.

17. **Category:** An editable field in snaps.csv.
18. **Size:** An editable field in snaps.csv. Just the number in the csv field, "MB" can be omitted since it will be added later in HTML.
19. **Version:** An editable field in snaps.csv.
20. **Description:** An editable field in snaps.csv. Define the description just in one long line, it will be broken down into multiple lines later.
21. **Review author:** An editable field in snaps.csv. Only single Review/Review author can be defined for a snap.
22. **Review Text:** An editable field in snaps.csv. Define the description just in one long line, it will be broken down into multiple lines later. Only single Review/Review author can be defined for a snap.

How to

Change brand data?

Go and edit brands.csv file data cells. You can also change logo.png and product.png image files in brand folder to change the footer brand logo or the banner product image.

Add a new brand?

Only a single brand can be active at once. The first data row of brand.csv defines the brand data. You can still have multiple brand data rows in brand.csv.

Remove a snap item?

Remove corresponding data row from snaps.csv.

Change snap data?

Edit corresponding data row in snaps.csv. If you change the 'Icon Name' field also remember to change the corresponding image file name in *snap-icons* folder.

Add a new snap item in the store

1. Open *snaps.csv* file for editing
2. Add a row somewhere (not in the beginning unless you want to change the pre-installed product brand snap).
3. Fill in the fields in a new added row with relevant information. After editing the file needs to saved in .csv file format.
4. Add an image file to *snap-icons* folder. Icon name needs to match with 'Icon Name' field in the .csv file so that the system finds it.