

# Client Look & Feel

This feature allows you to customize the home and welcome page on your EMS-provided Element Web client.

## Blog posts

See also our blog posts on the subject:

- [Build your own custom branded chat platform at the touch of a button!](#)
- [A white label messaging app to create your own brand messenger](#)

## Create home and login template

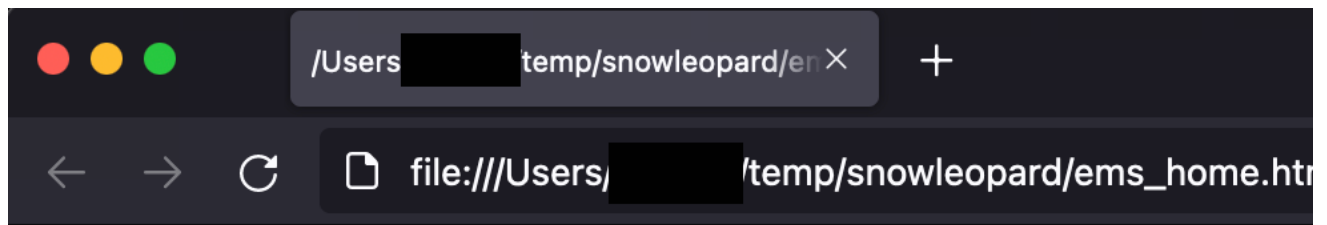
1. Create the files you want to use.

1. Edit `ems_home.html`. This can be as simple as a couple of lines of HTML, for example:

```
<h1>Snow Leopard LTD</h1>
<h2>Rooms to join</h2>
<ul>
  <li><a href='/#/room/#welcome:snowleopard-staging.ems.host'>Welcome to Demo web
chat (#welcome)</a></li>
  <li><a href='/#/room/#support:snowleopard-staging.ems.host'>Support
(#support)</a></li>
  <li><a href='/#/room/#offtopic:snowleopard-staging.ems.host'>Off topic conversation
(#offtopic)</a></li>
</ul>
```

You can also add a more complex HTML and styling.

2. It looks like this in your web browser:



# Snow Leopard LTD

## Rooms to join

- [Welcome to Demo web chat \(#welcome\)](#)
- [Support \(#support\)](#)
- [Off topic conversation \(#offtopic\)](#)

3. Edit `ems_welcome.html`. This is a bit more complex, but it can be almost anything you want as long as it has links to `Log in` (`/#/login`) and `Create account` (`/#/register`). The default design is based on [this template](#). You can get creative with the CSS and the `!important` tag.

### Click to see `ems_welcome` contents

The only change I made from the template is adding `<p>This is some demo text!</p>` on line 177.

```
<style type="text/css">

/* we deliberately inline style here to avoid flash-of-CSS problems, and to avoid
* voodoo where we have to set display: none by default
*/

h1::after {
  content: "!";
}

.mx_Parent {
  display: -webkit-box;
  display: -webkit-flex;
  display: -ms-flexbox;
  display: flex;
```

```
-webkit-box-orient: vertical;
-webkit-box-direction: normal;
-webkit-flex-direction: column;
-ms-flex-direction: column;
flex-direction: column;
-webkit-box-pack: center;
-webkit-justify-content: center;
-ms-flex-pack: center;
justify-content: center;
-webkit-box-align: center;
-webkit-align-items: center;
-ms-flex-align: center;
align-items: center;
text-align: center;
padding: 25px 35px;
color: #2e2f32;
}
```

```
.mx_Logo {
  height: 54px;
  margin-top: 2px;
}
```

```
.mx_ButtonGroup {
  margin-top: 10px;
}
```

```
.mx_ButtonRow {
  display: -webkit-box;
  display: -webkit-flex;
  display: -ms-flexbox;
  display: flex;
  -webkit-justify-content: space-around;
  -ms-flex-pack: distribute;
  -webkit-box-align: center;
  -webkit-align-items: center;
```

```
-ms-flex-align: center;
align-items: center;
justify-content: space-between;
box-sizing: border-box;
margin: 12px 0 0;
}
```

```
.mx_ButtonRow > * {
  margin: 0 10px;
}
```

```
.mx_ButtonRow > *:first-child {
  margin-left: 0;
}
```

```
.mx_ButtonRow > *:last-child {
  margin-right: 0;
}
```

```
.mx_ButtonParent {
  display: -webkit-box;
  display: -webkit-flex;
  display: -ms-flexbox;
  display: flex;
  padding: 10px 20px;
  -webkit-box-orient: horizontal;
  -webkit-box-direction: normal;
  -webkit-flex-direction: row;
  -ms-flex-direction: row;
  flex-direction: row;
  -webkit-box-pack: center;
  -webkit-justify-content: center;
  -ms-flex-pack: center;
  justify-content: center;
  -webkit-box-align: center;
  -webkit-align-items: center;
```

```
-ms-flex-align: center;
align-items: center;
border-radius: 4px;
width: 150px;
background-repeat: no-repeat;
background-position: 10px center;
text-decoration: none;
color: #2e2f32 !important;
}
```

```
.mx_ButtonLabel {
  margin-left: 20px;
}
```

```
.mx_Header_title {
  font-size: 24px;
  font-weight: 600;
  margin: 20px 0 0;
}
```

```
.mx_Header_subtitle {
  font-size: 12px;
  font-weight: normal;
  margin: 8px 0 0;
}
```

```
.mx_ButtonSignIn {
  background-color: #368BD6;
  color: white !important;
}
```

```
.mx_ButtonCreateAccount {
  background-color: #0DBD8B;
  color: white !important;
}
```

```

.mx_SecondaryButton {
  background-color: #FFFFFF;
  color: #2E2F32;
}

.mx_Button_iconSignIn {
  background-image: url('welcome/images/icon-sign-in.svg');
}
.mx_Button_iconCreateAccount {
  background-image: url('welcome/images/icon-create-account.svg');
}
.mx_Button_iconHelp {
  background-image: url('welcome/images/icon-help.svg');
}
.mx_Button_iconRoomDirectory {
  background-image: url('welcome/images/icon-room-directory.svg');
}

/*
.mx_WelcomePage_loggedIn is applied by EmbeddedPage from the Welcome component
If it is set on the page, we should show the buttons. Otherwise, we have to assume
we don't have an account and should hide them. No account == no guest account either.
*/
.mx_WelcomePage:not(.mx_WelcomePage_loggedIn) .mx_WelcomePage_guestFunctions {
  display: none;
}

.mx_ButtonRow.mx_WelcomePage_guestFunctions {
  margin-top: 20px;
}
.mx_ButtonRow.mx_WelcomePage_guestFunctions > div {
  margin: 0 auto;
}

@media only screen and (max-width: 480px) {
  .mx_ButtonRow {

```

```

    flex-direction: column;
}

.mx_ButtonRow > * {
    margin: 0 0 10px 0;
}
}

</style>

<div class="mx_Parent">
    <a href="https://element.io" target="_blank" rel="noopener">
        
    </a>
    <h1 class="mx_Header_title">_t("Welcome to Element")</h1>
    <!-- XXX: Our translations system isn't smart enough to recognize variables in the HTML,
so we manually do it -->
    <h4 class="mx_Header_subtitle">_t("Decentralised, encrypted chat &amp; collaboration
powered by $matrixLogo")</h4>
    <p>This is some demo text!</p>
    <div class="mx_ButtonGroup">
        <div class="mx_ButtonRow">
            <a href="#/login" class="mx_ButtonParent mx_ButtonSignIn
mx_Button_iconSignIn">
                <div class="mx_ButtonLabel">_t("Sign In")</div>
            </a>
            <a href="#/register" class="mx_ButtonParent mx_ButtonCreateAccount
mx_Button_iconCreateAccount">
                <div class="mx_ButtonLabel">_t("Create Account")</div>
            </a>
        </div>
        <!-- The comments below are meant to be used by Ansible as a quick way
to strip out the marked content when desired.
See https://github.com/element-hq/element-web/issues/8622.
TODO: Strip out these comments and rely on the guest flag -->
        <!-- BEGIN Ansible: Remove these lines when guest access is disabled -->

```

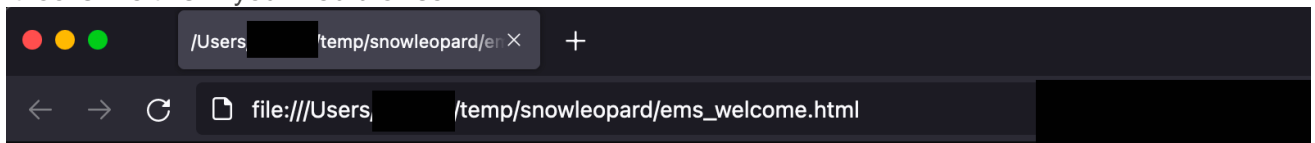
```

<div class="mx_ButtonRow mx_WelcomePage_guestFunctions">
  <div>
    <a href="#/directory" class="mx_ButtonParent mx_SecondaryButton
mx_Button_iconRoomDirectory">
      <div class="mx_ButtonLabel">_t("Explore rooms")</div>
    </a>
  </div>
</div>

<!-- END Ansible: Remove these lines when guest access is disabled -->
</div>
</div>

```

4. It looks like this in your web browser:



**\_t("Welcome to Element")!**

\_t("Decentralised, encrypted chat & collaboration powered by \$matrixLogo

This is some demo text!

\_t("Sign In")

\_t("Create  
Account")

\_t("Explore  
rooms")

## Serve the files

You must host the files somewhere where they are publicly accessible and you need to enable the CORS header `Access-Control-Allow-Origin: *` on the web server for these files. See <https://enable-cors.org/> for



instructions on how to do this.

# Configure your EMS server

1. Add the URLs to the **Client look & feel** section in the EMS Control Panel. Click **Save**.

**Default Theme:**

Default



**Client name:**

Snow Leopard Chat



**Client logo:**

rd-staging.ems.host/5a63e7917dc04255106e1c355190253b67bd46b3



**Welcome page content:**

pard-staging.ems.host/a4ac2b5b99f90e437583f5eadab9f1ce23cc88f8



CORS headers must be set to allow access to this content.

**Welcome page image:**

ard-staging.ems.host/85c3966574d51990ff30af07d0565a3c7313b003



**Home page content:**

ard-staging.ems.host/a757652a8d033542a87046feb1fde99e81fed461



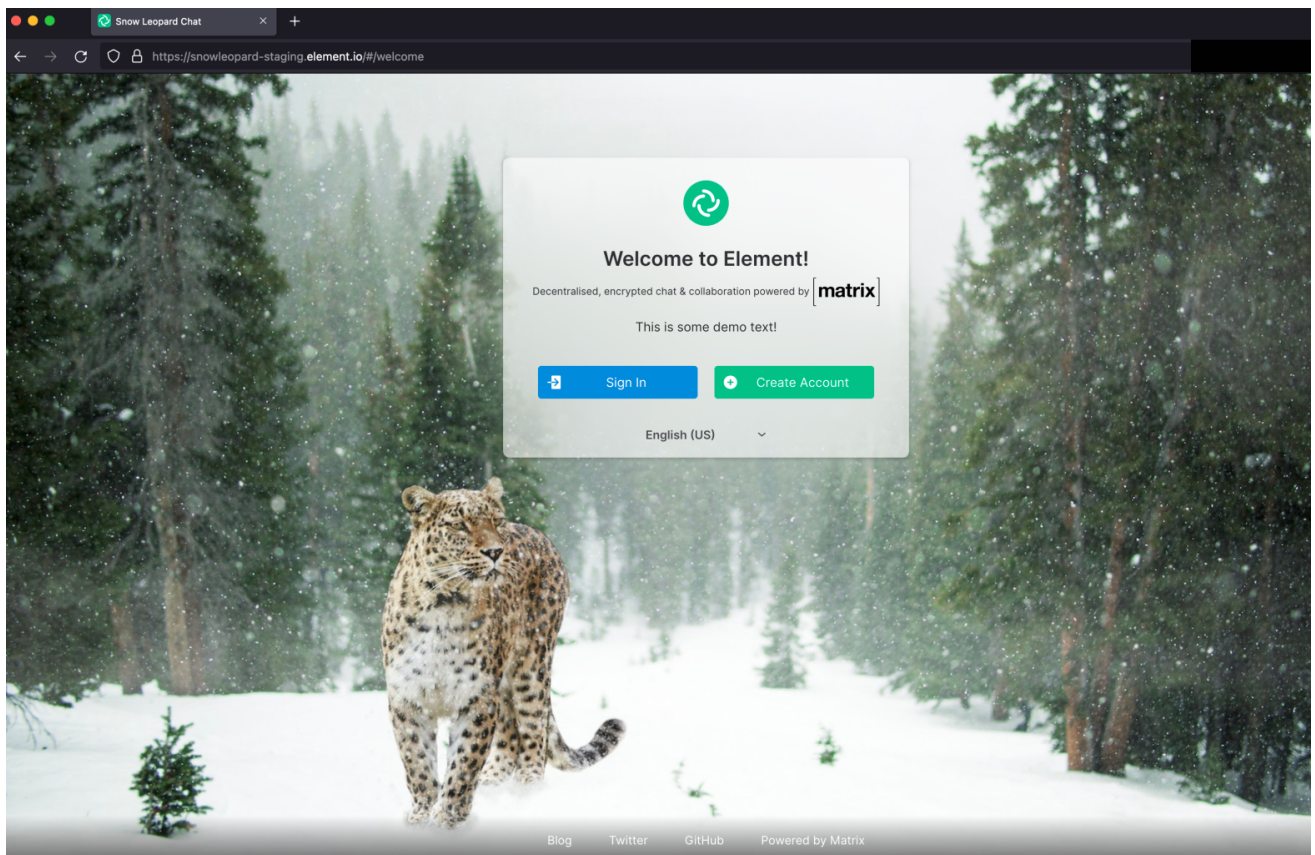
CORS headers must be set to allow access to this content.

Save

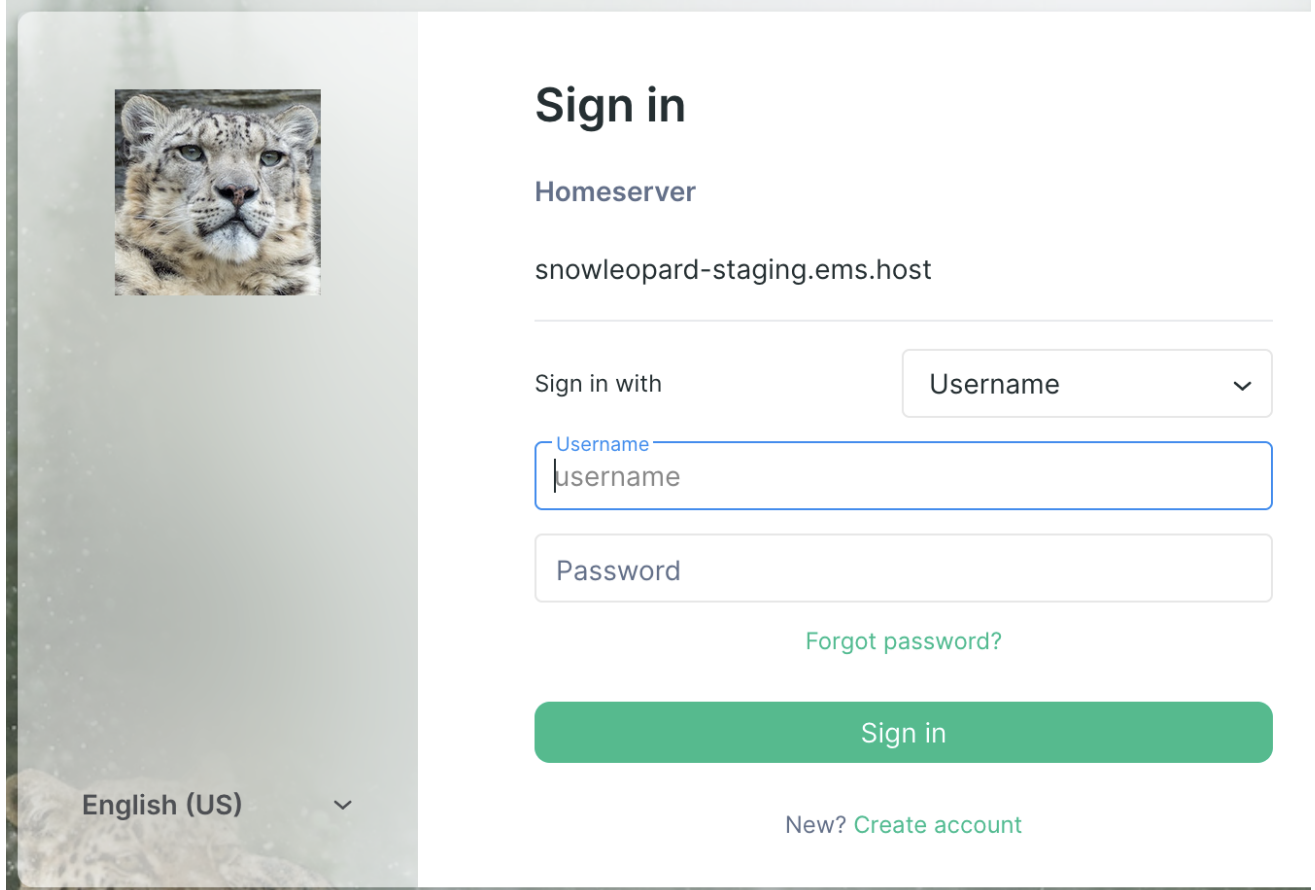
Delete Host

Unfortunately, we have a bug in the validator affecting files hosted on Matrix. Just ignore the error.

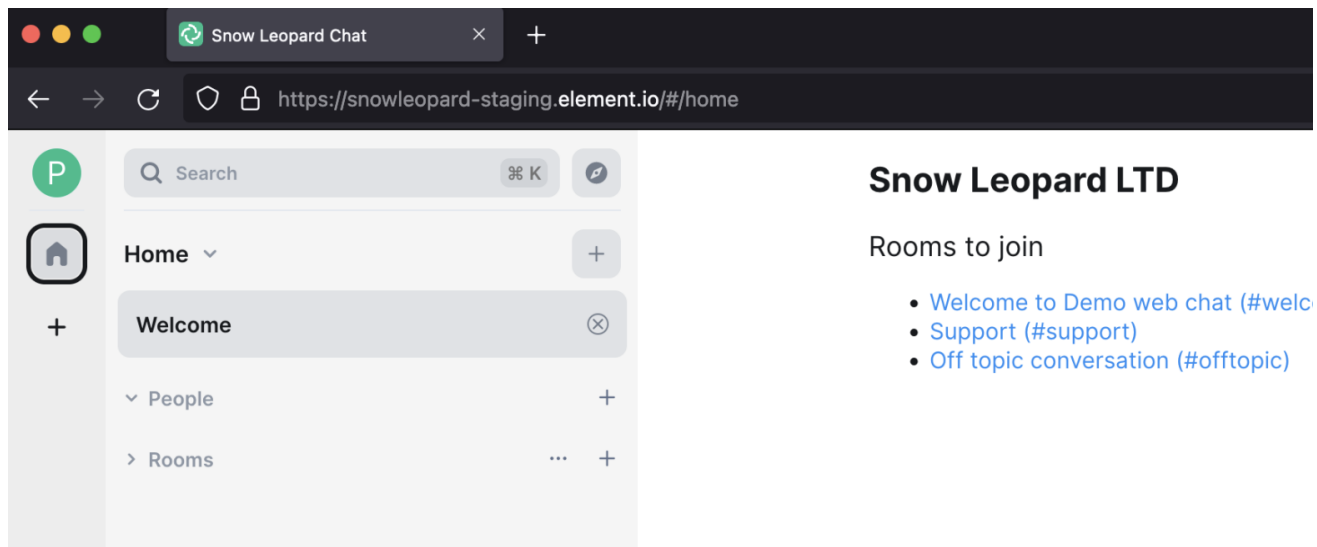
- Note if you are hosting the files on your own web server, you only need to change your EMS server configuration or reprovision if the URLs have changed. Changes to the contents of existing files are applied automatically
2. Once your host finishes reprovisioning, check your Element Web to ensure the changes are applied correctly.
    1. Welcome page image and Welcome page content



## 2. Client logo



## 3. Home page content



# Image Credits

- Client logo image by Charles Miller used under the terms of Free to use License.
- Welcome page image by Pixabay used under the terms of Free to use (CC0) License.

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