Europeana Labs

- Version: 1.1
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There's a new github Repository here:

- https://github.com/europeana/Europeana-Labs

Either Dasha or I can give you write-access to this repository. Currently, the repository is publically readable, just like the "Pro" and "Research" websites.

You can either work in this one, or we'll move the contents of this one into the repository where you'd like to have it.

Bolt

The new site runs on Bolt. A modern, flexible, open source CMS, that's under active development:

- Website: https://bolt.cm
- Documentation: https://docs.bolt.cm
- Github: https://github.com/bolt/bolt

Bolt uses Twig for templating: http://twig.sensiolabs.org .

In practice, it should never be required to modify any of the core PHP files. Doing so, would make upgrading much trickier, because modifications will get overwritten by the update, if you're not careful. If you need custom functionality, you should make an extension, to enhance the core functionality of Bolt.

There are a ton of extensions on https://extensions.bolt.cm . What you need might be there already, or at least there will be an extension that can serve as a guideline for how to do stuff. If there's anything that you're not sure about if it's included in 'core', or if it requires an extension, feel free to check it with me. I'll gladly advise on these things.

Hosting

The site will be hosted on the Engine Yard platform, like the other europeana websites. I've set up a 'labsbeta' area already. Eventually we'll have two instances for labs.europeana.eu and labs-beta.europeana.eu. The current 'staging' environment will become 'labs-beta'. For now it can be reached as

- http://ec2-54-194-176-140.eu-west-1.compute.amazonaws.com/

Login and deployment though engineyard. Dasha can arrange an account there, if you don't have one yet.

- https://login.engineyard.com/login

To log on to the backend, go to http://ec2-54-194-176-140.eu-west-1.compute.amazonaws.com/admin/

I've added a username, and you can add more yourself:

- username: labs
- password: lan$tv456bw

Setting up a local Development version

To check out a local copy of the website, follow these steps:

```
git clone git@github.com:europeana/Europeana-Labs.git
cd Europeana-Labs
mkdir app/cache
mkdir app/database
mkdir thumbs
chmod -R 777 files/ app/database/ app/cache/ app/config/
chmod -R 777 theme/ extensions/ thumbs/
```

If there's already cached files in the `app/cache` folder, you'll get some notices. You can safely ignore these.

The main configuration of Bolt is set in `app/config/config.yml`. But, because this file is included in the git repository, this is not a good place to store the database credentials. Copy the file `app/config/config_local.yml.dist` to `app/config/config_local.yml` and use this file to *override* any settings you want to override. This is a good place to set the database credentials.

Note: This file should *NOT* be checked in to git.

Other than this file, all files are in git, including the `vendor` and `composer` files. This is because of the deployment process that Engine yard uses.

Other than that, you should've gotten a zipped `.sql` file that can serve as a skeleton for the structure of the new site.

Configuration

The site currently is a copy of research.europeana.eu, including the content types that are used in that sites. You might have need for different content-types, or you might want to trim down the current contenttypes.

This can be done in the file `app/config/contenttypes.yml`.

The theme of the site is defined in `theme/europeana-labs`. This is currently also a copy of the 'research' site, together with a bunch of files that are still in there from the "pro" website.

Depending on how you're planning to do the modifications to the theming, I think this would be a good opportunity to clean up the templates. Once you've settled on a way to work with this, I'll help sort it out. I see there's some activity in Patternlab on a Labs styleguide, so i assume this will be used for the labs site, right?