How to apply custom styling to my instance?

January 11, 2018 21:41

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Issue

How to apply custom styling to my CloudBees Jenkins Platform instance?

Environment

- CloudBees Jenkins Enterprise - Managed Master (CJE-MM)
- CloudBees Jenkins Team (CJT)
- CloudBees Jenkins Platform - Client Master (CJP-CM)
- Simple Theme Plugin

Resolution

Custom styling can be applied via modification of the CSS structure being used by Jenkins.
Simple Theme Plugin is the most popular approach to customizing CSS outputs.

Below you can find a screenshot of CloudBees Jenkins Enterprise instance with the modified header.

Please note that CJE and CJOC layouts slightly differ from open-source Jenkins instances, so the existing themes for Simple Theme Plugin may work incorrectly.

Customizing instance headers

Below you can find a list of steps, which allow customizing headers of both CloudBees Jenkins Enterprise and CloudBees Jenkins Operations Center.
These steps apply to the versions 1.625.x and 1.642.x, steps for other versions may differ.

1. Install Simple Theme Plugin

2. Go to the `JENKINS_HOME/userContent` directory

3. Create the `layout` directory

4. Create the `style.css` file, copy the contents provided below.

5. Customize the "content" text

6. Put the logo of your instance to `JENKINS_HOME/userContent/layout/logo.png`. The logo should have 40px height.

7. Go to the global configuration of your CJP instance and find the *Theme* section there

8. In *URL of Theme CSS* specify the following path: `http://example.com/userContent/layout/logo.png`

Example of Simple Theme Plugin configuration:

Theme

URL of theme CSS

> http://localhost:8080/userContent/layout/style.css

Specify URL of a theme CSS.

URL of theme JS

Specify URL of a theme JS.

style.css code:

```
/* Custom style for CloudBees Jenkins Platform */
.logo img {
  content:url("http://example.com/userContent/layout/logo.png");
}

.logo span {
  display: none;
}

.logo:after {
  content: 'Jenkins. My instance (powered by CJE)';
  font-weight: bold;
  font-size: 20px;
  position: relative;
  color: black;
  right: -370px;
  top: -28px;
  display: block;
  color: white;
  background-image: url("http://example.com/userContent/layout/logo.png");
  background-position-x:right;
  background-position-y:top;
}
```

layoutExample.png-da149384 (200 KB)

simpleThemeConfiguration.png-3cc36920 (30 KB)

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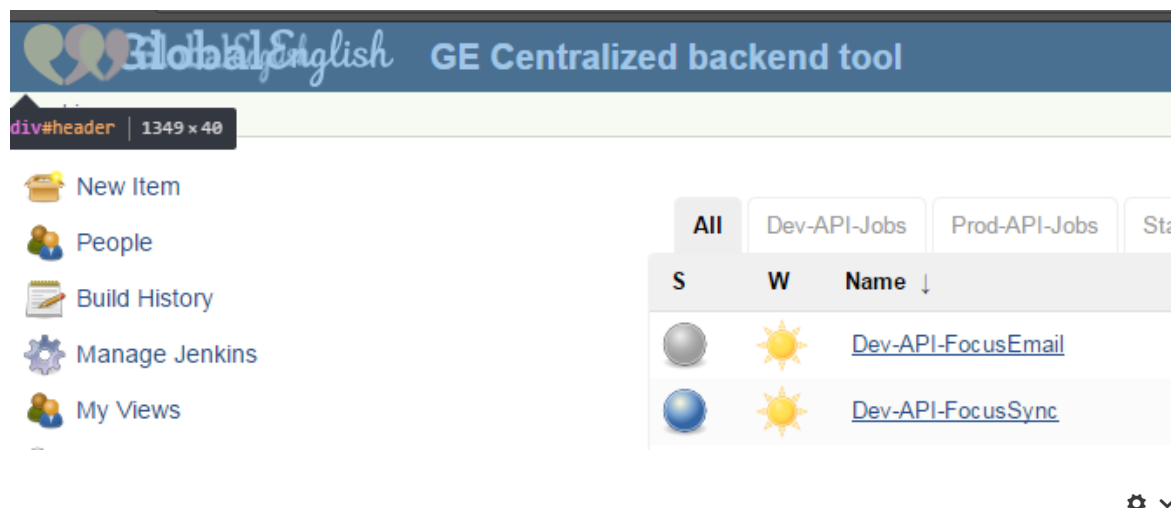**1**

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Rajasekaran Radhakrishnan   June 05, 2017 03:27

Hi Team,

I tried to configure this simple theme plugin but i am seeing this logo two times. Can you suggest how to fix this issue.

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Kalyan Bhave   July 31, 2017 06:10

thanks for the beautiful blog. I used above steps and applied my theme to Jenkins. But What i observed is after I logout from Jenkins, .css file is not loading. Jenkins version is 1.651.3. Any help would be appreciated.

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Peter Kelley   August 28, 2017 11:16

@Kalyan Bhave - One thing I noticed where my installation seemed to be different from the example was that the "Theme" configuration entry was actually under the "Configure System" menu and not under the "Global Tool Configuration". Try out the url that you put in there in a browser to see if you can reach the stylesheet.

Theme

URL of theme CSS   http://

Another point was that the example stylesheet url points to "localhost" - try putting in your server URL instead. You generally shouldn't use "localhost" (as in the example) but the path to reach the jenkins server.

⚙ ⌄

Peter Kelley   August 28, 2017 11:17

Edited by Peter Kelley 7 months ago

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⚙ ⌄

Mike Mitterer   November 14, 2017 06:59

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The suggest URL is:

1. `http://localhost:8080/jenkins/userContent/layout/style.css`

```
In my case this didn't work.

The right URL is:
```

1. `http://localhost:8080/userContent/layout/style.css`

```
I'm using Jenkins 2.89
```

⚙ ⌄

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