pybossa-discourse Documentation

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Contents

A PyBossa plugin for Discourse integration.

Features:

- Use SSO to sign your PyBossa users into Discourse
- Make Discourse API requests from your PyBossa theme
- Add users' unread Discourse notification counts to your PyBossa theme
- Embed Discourse comments into your PyBossa theme

CHAPTER 1

Installation

Copy the **pybossa_discourse** folder into your PyBossa plugins directory, configure the plugin as below and restart the server.

CHAPTER 2

Configuration

The following settings should be added to your PyBossa configuration file:

DISCOURSE_SECRET	Secret string of your choice (at least 10 characters).
DISCOURSE_API_USERNAME	Username of an administrator of your Discourse application.
DISCOURSE_API_KEY	The API key generated for the same Discourse administrator.
DISCOURSE_URL	The base URL of your Discourse application.

In order to enable SSO you should also ensure that your Discourse application is configured as follows (via **Admin > Settings**):

enable_sso	Enabled
sso_url	`http://{your-pybossa-domain}/discourse/oauth-authorized`
sso_secret	The value chosen for *DISCOURSE_SECRET*.
sso_overides_email	Enabled
sso_overides_username	Enabled
sso_overrides_name	Enabled
sso_overrides_avatar	Enabled
allow_uploaded_avatars	Disabled
logout_redirect	`http://{your-pybossa-domain}/discourse/signout`

In order for the API client to work you should also make sure that the IP address of your server is added to the Discourse whitelist (via **Admin > Logs > Screened IPs**).

CHAPTER 3

Theme Integration

To achieve better integration with your PyBossa theme you can add navigation links as follows:

```
<!-- Go to your Discourse homepage -->
{% if 'pybossa_discourse' in plugins %}
    <a href="{{ url_for('discourse.index') }}">Community</a>
{% endif %}
```

```
<!-- Sign a user out of Discourse when they sign out of PyBossa -->
{% if 'pybossa_discourse' in plugins %}
    <a href="{{ url_for('discourse.signout') }}">Sign out</a>
{% endif %}
```

CHAPTER 4

SSO

With the plugin enabled, users that sign in via your PyBossa application will be automatically signed in to Discourse. Discourse accounts will be created automatically the first time any of the following things happen:

- The user visits `http://{pybossa-site-url}/discourse/index`.
- The user clicks the **Log In** button from within the Discourse application.
- An API call is made regarding the user, such as one to retrieve their notifications.

CHAPTER 5

Notification counts

You can add a user's unread Discourse notification count to your PyBossa theme with the following snippet:

```
{% if 'pybossa_discourse' in plugins %}
    {{ discourse.notifications() }}
{% endif %}
```

CHAPTER 6

Embedding Comments

To embed Discourse comments in your PyBossa theme:

1. Visit **Admin > Customize > Embedding** in your Discourse application.
2. Create an embeddable host using your PyBossa domain as the hostname.
3. Enter the name of the Discourse user who will create the topics in the **Embed by Username** field.
4. Use the following snippet wherever you want comments to appear in your PyBossa theme:

```
{% if 'pybossa_discourse' in plugins %}
    {{ discourse.comments() }}
{% endif %}
```

The above function takes a single optional parameter that specifies the URL of the page that is embedding the comment feed. By default this is set to the URL of the current page. The first time that someone the page a new topic will be created based on that URL.

So, if you wanted to create a new topic for each category and embed that topic in various different places you might do this:

```
{% if 'pybossa_discourse' in plugins %}
    {{ discourse.comments(url_for('project.project_cat_index', category=short_name)) }
↪}
{% endif %}
```

CHAPTER 7

API variable

You can make API calls directly from your PyBossa theme via the **discourse.api** variable, for example:

```
<!-- List the latest topics -->
{% if 'pybossa_discourse' in plugins %}
<ul>
    {% for topic in discourse.api.latest_topics() %}
    <li>{{ topic['title'] }}</li>
    {% endfor %}
</ul>
{% endif %}
```

The variable points to an instance of **pybossa_discourse.client.DiscourseClient**.

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