

Ruby on Rails Test

Task

Create a sample API using Ruby on Rails that will enable management of very simple Page objects.

Each Page object must have the following attributes:

- title (required unique string)
- content (required string)
- published_on (optional datetime)
- timestamps

A page will be deemed to be unpublished if the 'published_on' attributes is nil or its datetime is set to sometime in the future

The API must respond to the following CRUD routes.

```
api_pages GET    /api/pages
          POST   /api/pages
new_api_page GET    /api/pages/new
edit_api_page GET    /api/pages/:id/edit
api_page GET    /api/pages/:id
          PUT    /api/pages/:id
          DELETE /api/pages/:id
```

...as well as the following...

```
# Return a list of published pages sorted published_on DESC
published_api_pages GET    /api/pages/published

# Return a list of unpublished pages sorted by published_on DESC
unpublished_api_pages GET    /api/pages/unpublished

# Set a Page to published immediately (ie. current timestamp)
publish_api_page POST   /api/pages/:id/publish

# Return the total number of words (title and content) for the given page
total_words_api_page GET    /api/pages/:id/total_words
```

Notes

- All code must contain appropriate validations and migrations contain appropriate table constraints and indexes

- The application must respond to both JSON and XML requests only (no HTML)
- Code must be well documented
- Bonus points if you include features / tests / specs

Submission

So that we can assess your code, you must also provide the following:

1. Please create and develop the application on Github and provide us with a link to the repository
2. Create and deploy your application on Heroku (it's free) and provide us with the URL to test functionality
3. Provide us with the URLs for the Github repository and the Heroku application so we can do a code review and test application functionality.