

Viral-Tag (Pinterest RSS Feed Reader)

Prerequisite :

- Node JS Server

Technology Used :

- Angular Js
- Node Js
- Twitter Bootstrap
- HTML 5
- CSS 3

Module Used

- Node Express
- Bluebird Promise
- Rest-Client
- Angular-Moment
- Moment Js
- Body-Parser
- Path

Public API Used

- <http://cloud.feedly.com/v3/streams/contents?streamId=feed/ur1/feed.rss>

Note: - You might need to change the address required in application.js for the following files.

- RSSFEED.js

Back-End Design :

POST RSS FEED

Method	Post
URL	http://localhost:8080/newFeed
Req	{ "url": "http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "PintrestFeeds" }
Res	success

GET RSS FEED

Method	GET
URL	http://localhost:8080/newFeed
Req	
Res	[{ "url": "http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://www.pinterest.com/azero0/feed.rss", "title": "Popular Feeds" }

	<pre> }, { "title": "Abhishek Feed", "url": "http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://in. pinterest.com/abhhisheksharma/feed.rss" }] </pre>
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Update RSS FEED

Method	PUT
URL	http://localhost:8080/newFeed
Req	<pre> { "url": "http://cloud.feedly.com/v3/streams/contents?streamId=feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "PintrestFeeds" } </pre>
Res	<pre> { "url": "PintrestFeeds", "response": { "id": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "direction": "ltr", "updated": 1458139197269, "title": "The KingSlayer !!!!", "alternate": [{ "href": "https://www.pinterest.com/abhhisheksharma/", "type": "text/html" }], "items": [{ "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_1537fde6f55:5981e e2:70e34146", "originId": "https://www.pinterest.com/pin/419116309054338434/", "fingerprint": "ec9319c8", "title": "Ellie_Goulding_-_Bur", "published": 1458128833000, "crawled": 1458139197269, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309054338434/", "type": "text/html" }] }] } } </pre>

	<pre> }], "summary": { "content": "<p></p><p>Ellie_Goulding_-_Burn</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_1537fde6f55:5981e e1:70e34146", "originId": "https://www.pinterest.com/pin/419116309054338417/", "fingerprint": "3682ab18", "title": "fast_and_furious_7_d", "published": 1458128643000, "crawled": 1458139197269, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309054338417/", "type": "text/html" }], "summary": { "content": "<p></p><p>fast_and_furious_7_deviantart</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true } </pre>
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	<pre> }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_1528430e170:29aba f7:990654eb", "originId": "https://www.pinterest.com/pin/419116309053649352/", "fingerprint": "c5d50084", "title": "How Smart People Dea", "published": 1453916742000, "crawled": 1453916742000, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309053649352/", "type": "text/html" }], "summary": { "content": "<p></p><p>How Smart People Deal With People They Don't Like</p>", "direction": "ltr" }, }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_15282b4ad68:29aba f6:990654eb", "originId": "https://www.pinterest.com/pin/419116309053646108/", "fingerprint": "73f0eb9", "title": ""Humans will all eve", "published": 1453891825000, "crawled": 1453891825000, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309053646108/", "type": "text/html" }], }, </pre>
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	<pre> "summary": { "content": "<p></p><p>“Humans will all eventually die and never come back to life, so let’s give it our all while we’re alive”</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_15282b14a38:29aba f5:990654eb", "originId": "https://www.pinterest.com/pin/419116309053646092/", "fingerprint": "22239200", "title": "It was 15th May of 2", "published": 1453891603000, "crawled": 1453891603000, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309053646092/", "type": "text/html" }], "summary": { "content": "<p></p><p>It was 15th May of 2013, the clock was about to strike 3:00 pm within 10 mins.My room, room no: 643 was in a horrific condition. The last...</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, } </pre>
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	<pre> "unread": true }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_15282b034e0:29abaf4:990654eb", "originId": "https://www.pinterest.com/pin/419116309053646082/", "fingerprint": "50567d36", "title": "Have you read this p", "published": 1453891532000, "crawled": 1453891532000, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309053646082/", "type": "text/html" }], "summary": { "content": "<p></p><p>Have you read this poem when you were young and fresh and you couldn't even guess the deep meaning of these lines? Have you? I am sure you...</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true }, { "id": "6bs93LmA9jCoJZaw5iCc+uilsIVxzi60AwWxk4iGBqs=_15282ac7fa8:29abaf3:990654eb", "originId": "https://www.pinterest.com/pin/419116309053646053/", "fingerprint": "8079dd98", "title": "Are you entering in", "published": 1453891289000, "crawled": 1453891289000, "alternate": [{ "href": "https://www.pinterest.com/pin/419116309053646053/", "type": "text/html" }] } </pre>
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	<pre> }], "summary": { "content": "<p></p><p>Are you entering in an engineering college? You don't know how you will settle there.</p>", "direction": "ltr" }, "origin": { "streamId": "feed/https://in.pinterest.com/abhhisheksharma/feed.rss", "title": "The KingSlayer !!!!", "htmlUrl": "https://www.pinterest.com/abhhisheksharma/" }, "unread": true }] } } </pre>
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DB Design:

There is no use of db. Feeds url are stored in a local variable.

Front-End Design:

Html Page: Created using HTML5

Style: using CSS3

UI design: Bootstrap

Front-End Controller: Angular JS ; all functions are indicated in the file itself using comments

Functionality:

RSS Feed Reader:

Idea is to build a feed reader which allows users to add & read multiple RSS feeds. Build both backend and front end of the application and send us the publicly accessible link back to the project (can be hosted on any service).



Welcome To ViralTag

Your Feeds

Discover and Add content to your ViralTag

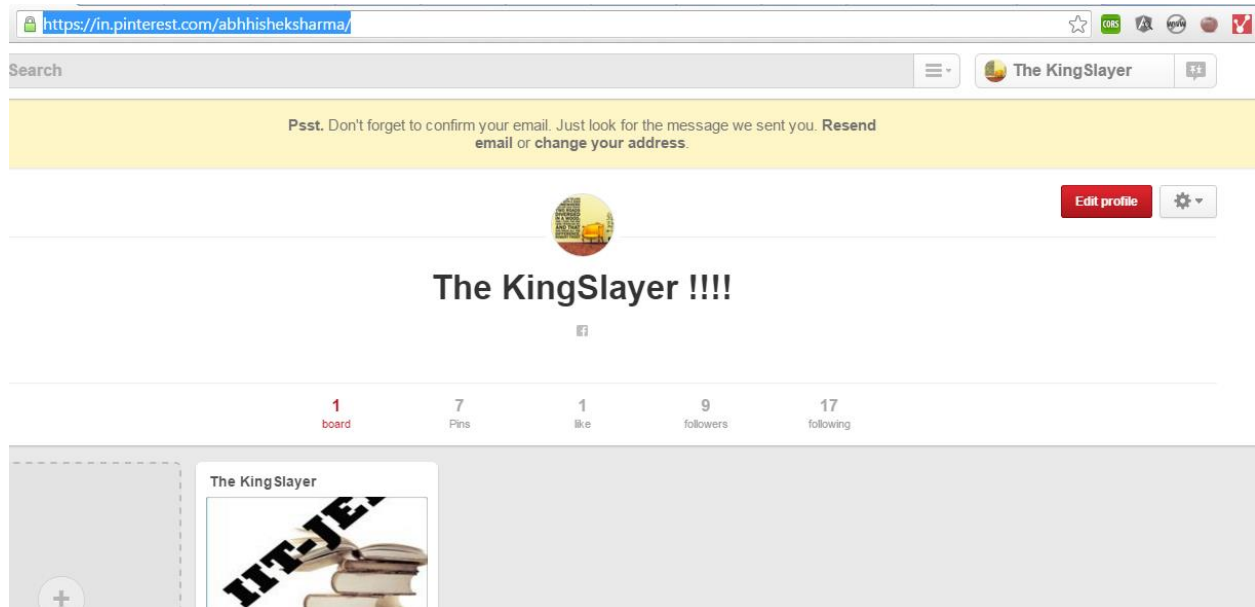
Search Any Field



Add a new Feed

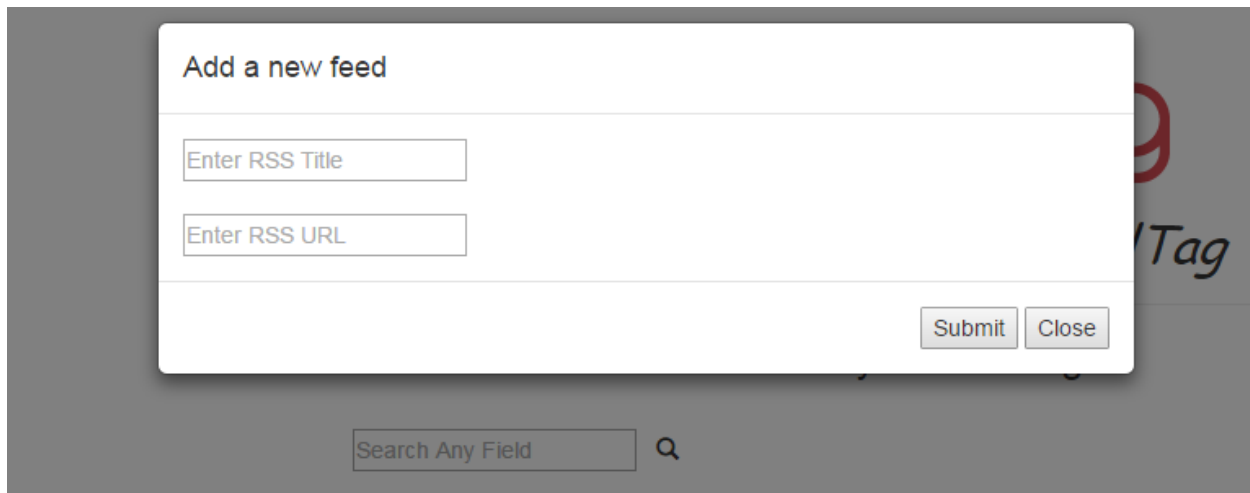
Created a feed reader to add and read multiple RSS feeds.

Procedure to add an RSS FEED



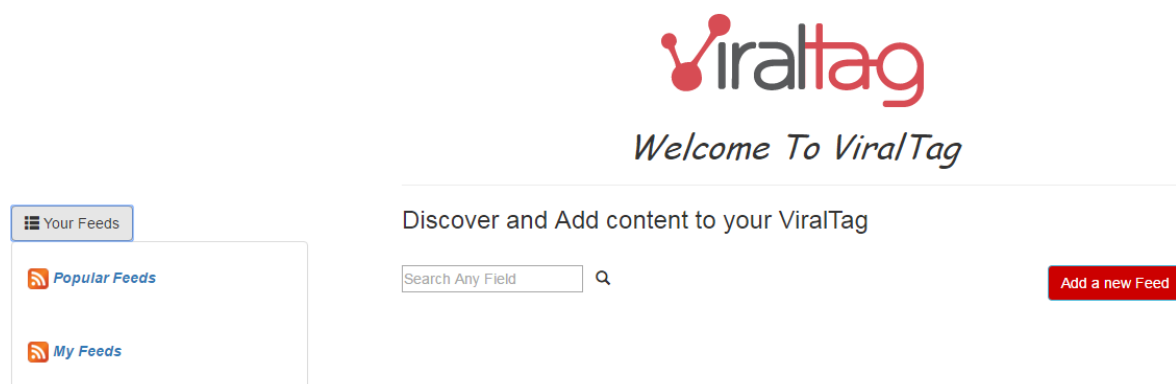
Copy the RSS feed Link

User can add a feed from a simple popup

A screenshot of a web application showing a modal window titled "Add a new feed". The modal has two input fields: "Enter RSS Title" and "Enter RSS URL". At the bottom right of the modal are two buttons: "Submit" and "Close". In the background, a search bar with the text "Search Any Field" and a magnifying glass icon is visible.

Click on Add a new Feed

Fill the details and submit then close the tab.



See the Feeds in your feed list.

Once a feed is added, it will be listed under their feeds list. Image and title pulled from the feed will be shown on the UI.

Your Feeds

Popular Feeds

My Feeds

Discover and Add content to your ViralTag

Search Any Field



Add a new Feed



Ellie_Goulding_-_Bur

4 days ago

Board : The KingSlayer !!!!

Like

Comment

Open



fast_and_furious_7_d

Click on the feed list to open the corresponding feeds.

Users can switch the feeds just by clicking on the corresponding feed name on the top.

welcome to viral tag

Your Feeds

Popular Feeds

My Feeds

Discover and Add content to your ViralTag

Search Any Field



Add a new Feed



g-400

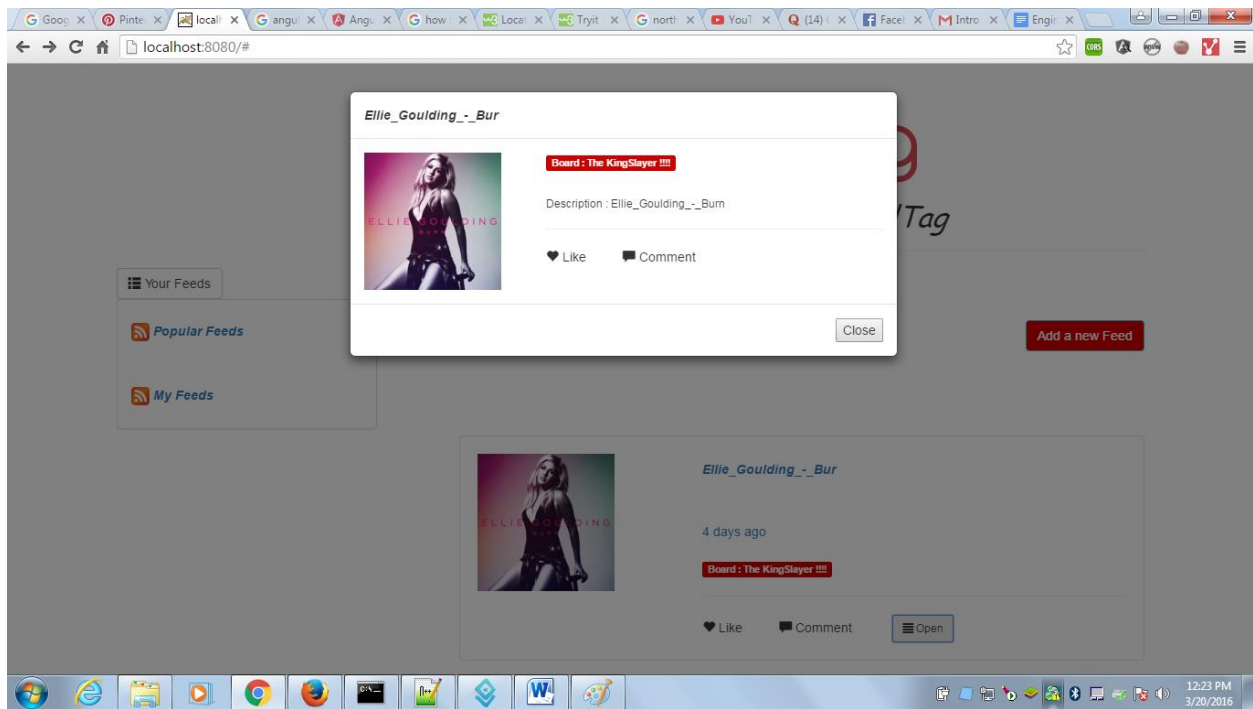
a month ago

Board : F1renoir

Like

Comment

Open



Clicking on the open display (in a dialog) additional feed details like description, date created etc.

Additional thing :

I have used moment.js to show the time by which the following feed was published.

Also when you click on the image it takes you to the source url of the post.

Hope you will like my work, thanks for the task.

Regards

ASG, Abhishek Sharma Gaur