Bugs & Wish list

Proposition: REST API "adaptor" code | Tiki Wiki CMS Groupware :: Development
Proposition: REST API "adaptor" code

Status
● Open

Subject
Proposition: REST API "adaptor" code

Version
21.x
22.x

Category
- Community projects
- Less than 30-minutes fix

Resolution status
New

Submitted by
Philippe

Lastmod by
Philippe

Rating
★ ★ ★ ★ ★ (0) ❓

Description
Hi,
TW newbie here, not sure if it's the right category and the right format. Please deal with humans willing to help 😃
This post is to solve:
-+Add an Application Programming Interface (API) to improve Federation capabilities, and for BPMN, hopefully in Tiki22
Mainly add a REST API "adaptor" code to make all services available over REST +-
from https://dev.tiki.org/Tiki21

I needed a REST API now and really start to enjoy tikiwiki 21 in my docker container.
I successfully installed a PHP script to solve it for me:
https://github.com/mevdschee/php-crud-api
It serves the whole database with rest api endpoints, so you need to configure which tables you want to serve (trackers, pages, ...)

About integrating it in TW ... unfortunately I'm not a great coder and new to tikiwiki, so not of great help for now 😕
If you share with me how you solve this, I might help to code directly in the future.

If any TW guru would like to test. I went through hurdles with docker:
https://github.com/mevdschee/php-crud-api/issues/669

Not sure if it's popular for other TW members but it was mandatory for me.
Easy to solve? Yes for working solution, I don't know for integration.

TW solves the IP thing so I guess it will a walk in the park for you 😃
Have a great day!

Importance
    5
Easy to solve?
    5
Priority
    25
Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on show2.tiki.org

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Ticket ID
    7374
Created
    Monday 18 May, 2020 14:58:02 GMT-0000
    by Philippe
LastModif
    Monday 18 May, 2020 14:58:02 GMT-0000

Comments

Marc Laporte 21 May 20 12:15 GMT-0000

Hi Philippe!

Thanks for getting this started. I'd like to learn more about your use case. Do you need this for 2 Tikis to talk to each other? Or for Tiki to fetch data from an external system? Or to push to an external system?

Thanks!

Jonny Bradley 26 May 20 10:06 GMT-0000

Hi Philippe too

That CRUD API is interesting indeed, but i'm not sure it would be A Good Thing to add to Tiki as it would completely bypass Tiki permissions allowing (presumably) anonymous access to everything, including preferences, modules and everything wouldn't it? (not read the docs much, maybe you can limit access to some tables). Also, when you edit things in tiki you are usually modifying more than one table, categorising objects for instance is really quite complex and involves several tables, similarly just listing a tracker item will use at least three or four.

However, talk of a Tiki API have been going on for several years and we really need to document it one day. The quickest win we've discussed to date seems to be adding a *RESTful API* to the existing AJAX services, which while not being a 30 minute fix, would be pretty rapid once started as there are about 300 controller actions already in Tiki which could all be available via the API.

Another thing for the forthcoming TikiFestVirtual2020 maybe?

Attachments

filename	created	hits	comment	version	filetype

No attachments for this item

The original document is available at https://dev.tiki.org/item7374-Proposition-REST-API-adaptor-code