Application Programming Interface

See also Federation

For Tiki23, we'll add an API. We'll likely extend Tiki to also be able to provide API docs (or we'll re-use an existing package)

Talk of developing a RESTful API for Tiki has been going on at TikiFests since at least TikiFest2018 Montreal but there seem to be no notes about those specific ideas here so far (are there?)

A possible direction for research

My thoughts are that we should use the existing AJAX services by adapting or forking the \Services_Broker to direct RESTful access to the 300+ actions already in Tiki.

Possible URL formats could be something like:

- **GET** `https://example.tiki.org/api/1.0/tracker/view/42` (where the `1.0` is the API version)
- **POST** `https://example.tiki.org/api/1.0/tracker/update_item/1/42` (needs trackerId)
- **GET** `https://example.tiki.org/api/1.0/wiki/get_page/HomePage`
- etc...

More planning

To be discussed some time at TikiFestVirtual2020 hopefully with people who have more experience of designing something like this 😃

API docs

- [http://apithedocs.org/](http://apithedocs.org/)

Related links

- [https://api-platform.com/docs/extra/philosophy/](https://api-platform.com/docs/extra/philosophy/)
- [https://api-tools.getlaminas.org/](https://api-tools.getlaminas.org/) (was [http://apigility.org/](http://apigility.org/))
- [http://swagger.io/](http://Swagger.io/)
- [https://evertpot.com/working-with-hal-in-put/](https://evertpot.com/working-with-hal-in-put/)
- [http://hateoas-php.org](http://hateoas-php.org)
- [http://phphttpclient.com](http://phphttpclient.com)
- [https://raml.org](https://raml.org)
- [https://www.openapis.org/](https://www.openapis.org/)

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API
RESTful API