VueJS In Tiki

Some dev notes about the VueJS integration

After some discussion at TikiFestMacau2019 we decided to add VueJS to Tiki for 21.x, and this enabled the first version of Tracker Field Rules.

Future Development

Some notes about where we may head in Tiki 24+ here: VueJS In Tiki Part 2

Next step after Hello World

Here, for the record, is my test wiki page that seems to work on that branch. It is based on this example.

Notes and Limitations

While building a Vue app in wiki plugins is an interesting experiment, and partially to aid my learning of how it all works, at some point we need to be able to support properly built VueJS projects (with npm)

The wiki plugin currently needs these changes from "normal" .vue file based projects:

- One vue plugin needs to have `app="y"` as a parameter
- The JS module files are outputted to the temp/public dir prepended with `vue`
- `@:` shorthand doesn't work, we need to use `v-on:` for now
- All `components` objects being exported need to have the component name as the object item key in lower case (i have no idea why), e.g.

```javascript
components: {
    componentname: ComponentName
}
```

Some Ideas for the Future?

- [https://bootstrap-vue.org/docs#browser](https://bootstrap-vue.org/docs#browser)
- [https://rhwilr.github.io/vue-nestable/](https://rhwilr.github.io/vue-nestable/) (replacement for jquery-ui ones on menus, modules, toolbar admin, object perms pages etc)
  - or [https://github.com/phphe/vue-draggable-nested-tree](https://github.com/phphe/vue-draggable-nested-tree) (not so pretty and has a "pro" version)
- check [https://github.com/FranckFreiburger/vue-calendar-picker](https://github.com/FranckFreiburger/vue-calendar-picker) (again to replace jquery-ui date picker (and datetimepicker)
- https://krystalcampioni.github.io/vue-hotel-datepicker (good for ranges, but not sure it does single dates)
- https://chronotruck.github.io/vue-ctk-date-time-picker/ favourite so far (there are lots!)

Related links
- https://github.com/vuejs/awesome-vue

- VueJS
- vue.js (this one doesn't work)