Setting up your development environment

Michal Barnas michal.barnas@wai.blue



Hubleto Prerequisites

- Apache 2.4.5
- MySQL 8.0.43
- PHP 8.4
- Composer
- Git











If your setup doesn't match, check the documentation, if Hubleto can run on your machine.

https://developer.hubleto.com/



Course of action

- 1. Clone all repositories (eventually create forks if needed)
- 2. Run **npm install** in **assets** and **react-ui**
- 3. Set **erp-project** to source dependencies from local directories
- 4. **php hubleto install** in **erp-project**

When in doubt, consult the Hubleto Developer Guide:

https://developer.hubleto.com/v0/tutorials/set-up-environment-for-development

Directory structure

erp-project repository

- The entry gate to your Hubleto setup
- Pre-installation configuration **init-config-dev.yml**
- Ties all other repositories together

- ./use-local-repositories.sh
- php hubleto install

```
babel.config.js
bin
boot.php
composer.json
composer.lock
ConfigEnv.php
cron.php
docs
hubleto
index.php
init-config-dev.yaml
init-config-example.yaml
LICENSE
node modules
package.json
package-lock.json
README.md
secure
src
tailwind.config.js
test.php
tests
theme.twcss
upload
vendor
webpack.config.js
```

erp and framework

- The heart and brain of Hubleto
- framework is the groundwork of Hubleto
 - Can be used even outside of traditional Hubb
- erp builds upon this foundation
 - Sources to apps, cli agent, installer

No action required for installation



assets and react-ui

- Stylesheets and react base components
- assets offers multiple run scripts like watch or build-css for quick updates during development

- npm install
- Only assets: **npm run build**



 $\{e=="loadingText"?n.addClass(t).attr(t,t):n.removeClass(t).removeAttr(t)\},\emptyset)\}$,t.prototype.toggle=function() $\{var\ e=this\}$.closest('[data-toggle="buttons-radio"]');e&&e.find(".active").removeClass("active"),this.\$element.toggleClass("active $n=e.fn.button;e.fn.button=function(n){return this.each(function(){var r=e(this),i=r.data("button"),s=typeof n=="object"}$.data("button",i=new t(this,s)),n=="toggle"?i.toggle():n&&i.setState(n)})},e.fn.button.defaults={loadingText:"loading. .button.Constructor=t,e.fn.button.noConflict=function(){return e.fn.button=n,this},e(document).on("click.button.data-a "[data-toggle^=button]".function(t){var n=e(t.target):n.hasClass("btn")||(n=n.closest(".btn")).n.button("toggle")})}(w ,!function(e){"use strict";var t=function(t,n){this.*element=e(t),this.*indicators=this.*element.find(".carousel-indicators=this.*.options=n,this.options.pause=="hover"&&this.\$element.on("mouseenter",e.proxy(this.pause,this)).on("mouseleave",e.proxy this))}; $t.prototype={cycle:function(t){return t||(this.paused=!1),this.interval&&clearInterval(this.interval),this.opt$. interval&&!this.paused&&(this.interval=setInterval(e.proxy(this.next,this),this.options.interval)),this $\}$, getActiveIndo {return this.\$active=this.\$element.find(".item.active").this.\$items=this.\$active.parent().children().this.\$items.index .sactive)},to:function(t) ${var n=this.getActiveIndex(),r=this;if(t>this.$items.length-1||t<0)return;return this.sliding$.\$element.one("slid",function(){r.to(t)}):n==t?this.pause().cycle():this.slide(t>n?"next":"prev",e(this.\$items[t]))},pa (t){return tll(this_naused=10).this_\$element_find("_next__prev").length&&e.support.transition.end&&(this.\$element.tri .interval),this.interval=null,this},next:function(){if(this .support.tr return; retiecho "Let's get this. slidir liding)return;return this.slide("prev")},slide:function(t.n erval,o=t=="next"?"left":"right",u=t=="next"?"first":"last" this.slidir find(".item")[u](),f=e.Event("slide",{relatedTarget:i[0],di if(i.hasCla ngth&&(this.\$indicators.find(".active").removeClass("active"),this.\$@ ("slid", fur .\$element.r .i.addClass ("active")})); if(e.support.trans: (f); if(f.isDefaultPrevented())return; i.addClass("active")})).addClass("active") ion.end, function(){i.removeClass([t,o].join(" ")).addClass("active")} (f):if(f.isDefaultPrevented())return;r.removeClass("active"),i.addClass("active"),this.sliding=!1,this.\$element.trigge }return s&&this.cycle(),this}};var n=e.fn.carousel;e.fn.carousel=function(n){return this.each(function(){var r=e(this) ("carousel"),s=e.extend({},e.fn.carousel.defaults,typeof n=="object"&&n),o=typeof n=="string"?n:s.slide;i||r.data("caro t(this,s)),typeof n=="number"?i.to(n):o?i[o]():s.interval&&i.pause().cycle()})},e.fn.carousel.defaults={interval:5e3, \nearrow pause:"hover"}.e.fn.carousel.Constructor=t.e.fn.carousel.noConflict=function(){return e.fn.carousel=n.this}.e(document carousel.data-api","[data-slide], [data-slide-to]",function(t){var n=e(this),r,i=e(n.attr("data-target")||(r=n.attr("l .replace(/.*(?=#[^\s]+\$)/,"")),s=e.extend({},i.data(),n.data()),o;i.carousel(s),(o=n.attr("data-slide-to"))&&i.data("ca .pause().to(o).cycle(),t.preventDefault()})}(window.jQuery),!function(e){"use strict";var t=function(t,n){this.\$elemen .options=e.extend($\{\}$,e.fn.collapse.defaults,n),this.options.parent&(this.parent=e(this.options.parent)),this.options .toggle()};t.prototype={constructor:t,dimension:function(){var e=this.\$element.hasClass("width");return e?"width":"hei show:function();var t,n,r,i;if(this.transitioning||this.\$element.hasClass("in"))return;t=this.dimension(),n=e.camelCasc t].join("-")),r=this.parent&<math>t=0this.parent.find("> .accordion-group > .in");if(<math>t=0r.length)t=0ter.data("collapse");if(i transitioning)return;r.collapse("hide"),i||r.data("collapse",null)}this.\$element[t](0),this.transition("addClass",e.E "shown"),e.support.transition&this.element[t](this.element[0][n]),hide:function(){var t;if(this.transitioning .hasClass("in"))return:t=this.dimension().this.reset(this.\$element[t]()).this.transition("removeClass".e.Event("hide") this.\$element[t](0)},reset:function(e){var t=this.dimension();return this.\$element.removeClass("collapse")[t](e||"auto .offsetWidth,this.\$element[e!==null?"addClass":"removeClass"]("collapse"),this},transition:function(t,n,r){var i=this,

{n.type=="show"&&i.reset(),i.transitioning=0,i.\$element.trigger(r)};this.\$element.trigger(n);if(n.isDefaultPrevented()

("input")?"val":"html";e+="Text",r.resetText||n.data("resetText",n[i]()),n[i](r[e]||this.options[e]),setTimeout(functi