

# Creating tabbed form with ConfiForms and Refined UI toolkit UI tab



Please note that this tutorial works with ConfiForms version 2.0.15 and onwards

You can see a discussion on **Atlassian community** and more details on how to setup this to work with other tabs add-ons here <https://community.atlassian.com/t5/Confluence-questions/Confiforms-Tabbed-View-in-Dialog-Mode/qaq-p/975906>



Please be aware that this tutorial assumes that you have support for JavaScript functions enabled in ConfiForms settings!

This tutorial **is not guaranteed to work with any version of Refined UI toolkit plugin**, as it relies on specific version of Refined UI toolkit (verified to work with 2.3.5)

Often, the forms you develop become very long and complex and using tabbed view, and grouping fields together in logical sections might be a good idea.

ConfiForms works well with [Navitabs](#) and [Refined Toolkit](#) UI tabs when used on embedded forms, but was not working very well when used with forms in dialog mode.

The reason is - all the mentioned plugins work on page load and initialize own components when the page loads. With ConfiForms a lot of contents is loaded dynamically and on demand. Including the forms in dialog mode.

This tutorial demonstrates how you can setup a form in dialog mode with Refined Toolkit app.

We will setup a form with just 2 fields, showing each field in a different tab and we will also add support for "Edit Controls" to use the same layout as in default Registrations Control (FormView) macro. Meaning, we will have the same tabbed view of the form when editing the records

## Form configuration

Form with just 2 fields

- text field
- text area field

Form configuration view in Confluence editor

We define 2 fields and we also define default Registrations Control macro with tabs around each field

Registrations Control (FormView) macro uses default mode and renders the form in dialog mode when a user clicks on "Register" button

This is how the form looks in view mode after user clicks on "Register" button

## Forcing tabs to re-initialize

So, what is the trick? The trick is to use post-initialization function of ConfiForms Registration Control

We call the function `initTabs` and set it up like this in the macro parameters

### Edit 'ConfiForms (Form View) Registrations Control' Macro

☐ Errors will be reported also with a message shown next to the field

Form height (in pixels, number only)

Leave blank if you are fine to have an automatic form's height calculation

Form width (in pixels, number only)

Leave blank if you are fine to have an automatic form's width calculation

Execute custom JavaScript function after the form is loaded

Put the name of the function you want to execute. You can have 'formId' as parameter in this function to receive form element id. Confluence administrators could disable scripts execution in ConfiForms app settings

Preview

Visible only in PREVIEW

✓ Configuration helper for ListViews, TableViews, CardViews, PlainView, CleanView, CalendarViews and Registration Control macros  
[Show](#)

Register

[Select macro](#)

SaveCancel

Here is how the function (`initTabs` in our case) looks like and what it does (you will need to put it on the page with HTML macro, for example)

!

Verified to work with <https://marketplace.atlassian.com/apps/1211136/refined-toolkit-for-confluence?hosting=server&tab=overview> 2.3.5

In *older* versions of Refined UI toolkit you may need to replace

```
RWUI.Templates.Tabs.tabButton
```

with

```
RWUI.Templates.Macros.tabButton
```

```

<script type="text/javascript">
function initTabs(formId) {
  if (typeof RWUI === "undefined") {
    console.error("RWUI namespace was undefined, ensure that base.js has been loaded")
  }
  RWUI.Views.UI_Tabs = Backbone.View.extend({
    render: function () {
      var tabMenus = AJS.$("#" + formId).find(".rwui_tabs_menu", this.$el);
      var tabItems = AJS.$("#" + formId).find(".rwui_tab_content", this.$el);
      var e;
      var rearrangeClasses = function (i) {
        var h, g;
        if (/^tab-.*$/.test(i)) {
          h = tabItems.filter("[data-hash='" + i + "']");
          g = e.filter("[data-hash='" + i + "']")
        }
        if (h === undefined || h.length === 0) {
          h = tabItems.first();
          g = e.first()
        }
        tabItems.removeClass("rw_highlight");
        e.removeClass("rw_highlight");
        tabItems.removeClass("rw_active");
        e.removeClass("rw_active");
        h.addClass("rw_active");
        g.addClass("rw_active");
        if (typeof RWMI !== "undefined" && RWMI.mobileMode) {
        } else {
          window.location.hash = i
        }
      }

      tabItems.each(function (index, k) {
        var l = AJS.$(k);
        var g = l.data("name");
        var m = l.data("hash");
        var j = AJS.$(RWUI.Templates.Tabs.tabButton({name: g, active: index === 0, hash: m}));
        j.click(function () {
          rearrangeClasses(m);
        });

        // remove existing by hash in case of any
        var tabEl = AJS.$("#" + formId).find(".rwui_tab_button[data-hash='" + m + "']");
        if (tabEl !== null && AJS.$(tabEl).length > 0) {
          tabEl.parent().remove();
        }

        tabMenus.append(j);
      });
      e = AJS.$("#" + formId).find(".rwui_tab_button", tabMenus);
      var f = window.location.hash.substr(1);
      rearrangeClasses(f);
      var d = AJS.$("#" + formId).find(".rwui_tab_button[data-hash='" + f + "']", this.$el);
      if (d.length > 0) {
        d.addClass("rw_highlight");
        AJS.$("#" + formId).find(".rwui_tab_content[data-hash='" + f + "']", this.$el).addClass("rw_highlight");
        RWUI.scrollToElementWithOffset(d, 100);
      }
      return this.$el
    }
  });
}

AJS.$("#" + formId).find(".rwui_tabs").each(function (c, b) {
  var d = new RWUI.Views.UI_Tabs({el: b});
  d.render();
});
}
</script>

```

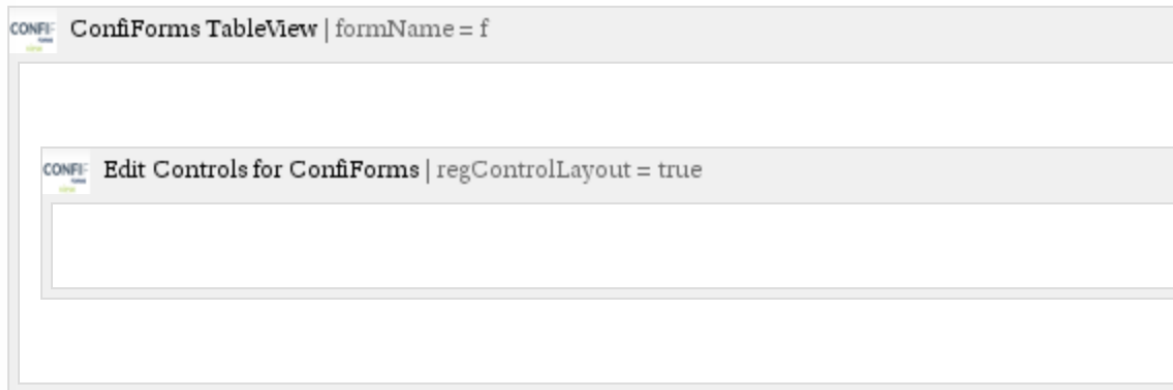
Basically, it forces UI Toolkit to re-initialize some tabs again in our loaded form



This is a code taken from UI Toolkit initializer and modified to fulfil the needs of ConfiForms. Sorry for the variables names, we only had a minified version of this code.

## Using tabbed view in Edit Controls

To have your edit controls to use the tabbed view you can do a very simple trick. You just need to tell ConfiForms Edit Controls to use the layout of the Registrations Control (FormView) macro



In macro parameter for Edit Controls macro this looks like this

