



CMS Dynamic Widgets

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Dynamic widgets

Save or Discard

Insert Blocks

B *I* U **S** \times_2 \times^2 **A** **A** *I*_x

Styles ▾

Structure

Content

Features

Effects

Banner

Text-Image

Image-Text

Big Message

Text Block

Title

Features

Big Picture

Three Columns

First Feature

Tell what's the value for the customer for this feature.

Second Feature

Write what the customer would like to know, not what you want to show.


Third Feature

A small explanation of this great feature, in clear words.


Want to know more and share knowledge ?

Subscribe to our discussion group !


☒ send mail - archives - unsubscribe



Feature One



Feature Two



Feature Three

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Dynamic widgets

Widgets, Snippets -> CMS building blocks



Dynamic widgets: Discussion Groups, Mailing Lists

**Want to share with us ? Join us on the
Public Mailing List and share your ideas !**

 [send mail](#) -  [archives](#) -  [unsubscribe](#)

Thibault Delavallée (tde@odoo.com)



Dynamic widgets

- Efficient and simple way to customize your website
- Integrates with Odoo apps: subscribe to a discussion group, create leads, fill issues, ...
- Use the full power of odoo

To keep updated on our services, join the Odoo Newsletter !

admin@yourcompany.example.com

Add a Newsletter Subscribe Button ×

Newsletter:

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Show me the stuff !

Running example: Contact Widget

- small contact form
- create leads from questions
- drag 'n drop it anywhere usefull



Our Services

Odoo is great, simple and flexible. Rely on us to offer you the best service with the best open source business applications !

Any questions ?

[Contact Us](#)

<input type="checkbox"/>	06/02/2014 15:50:44	Lead from someone@example.com (Contact Snippet)	someone@example.com	New
<input type="checkbox"/>	06/02/2014 11:21:06	Lead from guy@example.com (Contact Snippet)	guy@example.com	New
<input type="checkbox"/>	06/02/2014 11:20:08	Lead from raoul@example.com (Contact Snippet)	raoul@example.com	New
<input type="checkbox"/>	06/02/2014 11:18:13	Lead from ginette@example.com (Contact Snippet)	ginette@example.com	New

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Demo



Talk structure

Running example: Contact Widget

- body, content
- addition in CMS editor
- dynamic configuration: choosing the sales team
- link with backend: linking the button to the lead creation



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Body = HTML + CSS (bootstrap)

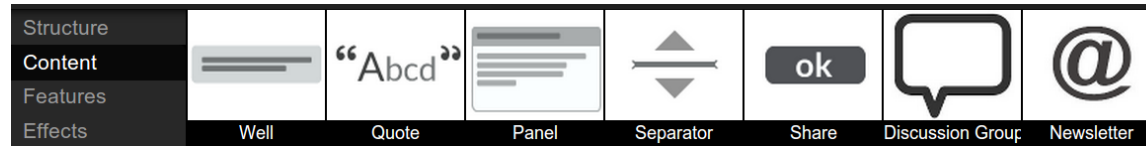
- a (hidden) sales team
- a question
- an email
- a submit button

About us

Write a small text here for when **new visitors** find your website through your **blog entries**, referenced in Google.


```
<input type="hidden" name="section_id" value="0"/>
<textarea name="description"></textarea>
<div class="input-group">
  <input type="email" name="email_from"/>
  <button type="submit">Contact Us</button>
</div>
```


Snippets ? QWeb template !



```
<?xml version="1.0" encoding="utf-8"?>
<openerp>
<data>
  <template id="snippets">
    <!-- here be snippets by categories -->
    ...
  </template>
</data>
</openerp>
```



Addition in Editor

Snippet addition: extend the editor QWeb template

```
<template id="contact_snippet"
    name="Contact Snippet"
    inherit_id="website.snippets">
    <xpath expr="//div[@id='snippet_feature']" position="inside">
        <!-- begin snippet declaration -->
        <div>
            ...
        </div>
        <!-- end of snippet declaration -->
    </xpath>
</template>
```

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- thumbnail: icon in editor

```
<xpath expr="//div[@id='snippet_feature']" position="inside">
...
<div class="oe_snippet_thumbnail">
  
  <span class="oe_snippet_thumbnail_title">Contact Snippet</span>
</div>
</xpath>
```

- body of the snippet

```
<xpath expr="//div[@id='snippet_feature']" position="inside">
...
<section class="oe_snippet_body js_contact">
  <!-- snippet HTML content -->
</section>
</xpath>
```

- placement: *data-selector-...*
- menu option: */i*, option menu entry

```
<div data-snippet-option-id='contact_snippet'  
      data-selector=".js_contact"  
      data-selector-siblings="p, h1, h2, h3, blockquote,  
                             div, .well, .panel">  
  
  <li>  
    <a href="#" class="button js_contact_sales_team">  
      Change Sales Team  
    </a>  
  </li>  
</div>
```

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Widget -> Dynamic Widget

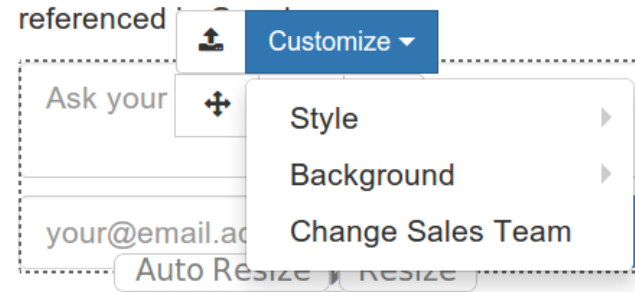


Dynamic customize

Customize menu

About us

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To link with

Add a Contact Snippet

Sales Team:

Direct Sales

Continue

Cancel

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Dynamic customize

Add a *snippet.Option* to add dynamic configuration

Example: *Discussion Group* choice, *Sales Team* choice, ...

```
snippet.options.contact_snippet = snippet.Option.extend({  
  
    on_prompt: function () {  
        return website.prompt({  
            window_title: _t("Add a Contact Snippet"),  
            init: function (field) {  
                return website.session.model('crm.case.section')  
                    .call('name_search', ['', []]),  
            }).then(function (sales_team_id) {  
                self.$('.js_section_id').attr("value", sales_team_id);  
            });  
        }  
    });  
});
```

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Link with back-end

To contact the back-end: define a new **route**

- Route: URL -> action performed by server
- Defined in Python, in a controller

```
class ContactUsShort(http.Controller):  
    # define my custom controller  
    @http.route('/my/route', ...)  
    def my_route(...):
```

{http://myodoo.com/}crm/contact_short will be a route creating a lead from data coming from the form

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crm/contact_short definition

```
@http.route(['/crm/contact_short'], type='json')
def contactus(self, question=None, email=None,
              section_id=None, **kwargs):
    lead_values = {
        'name': 'Lead from %s (Contact Snippet)' % email,
        'description': question,
        'email_from': email,
        'section_id': section_id,
        'user_id': False,
    }
    return request.registry['crm.lead'].create(cr, uid, lead_values,
                                              context)
```

Bind *Contact Us* to the back-end

```
snippet.animationRegistry.contact = snippet.Animation.extend({
  start: function (editable_mode) {
    this.$('.js_contact_btn').on('click', function (event) {
      // perform verification
      ...
      // json call to a route
      return openerp.jsonRpc('/crm/contact_short', 'call', {
        'section_id': +section_id,
        'email': email,
        'question': question,
      }).then(function (result) { ... });
    });
  },
});
```



And we are done !

- Definition: an HTML body in a template
- Placement: XML declaration
- Configuration: JS Option
- Behavior: JS Animation
- Link: Python controller and routes

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Thanks for your attention

Any questions ? tde@odoo.com / chm@odoo.com