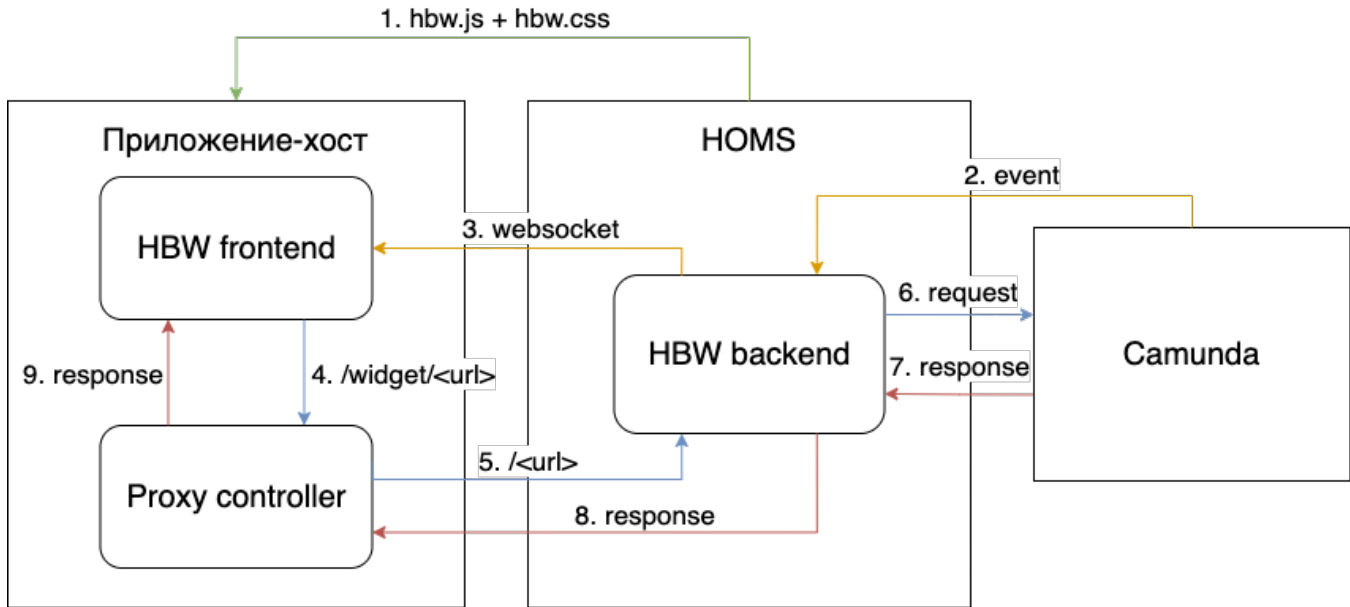


HBW

 This article is in English [HBW widget integration manual](#)



```
1. , -, public_url , .
2. , url 'widget/...' , - (hbw_controller.rb) .
```

HydraOMS:

- hbw_url – HydraOMS (, <http://homs:3000>);
- hbw_public_url – HydraOMS (, , <https://some.domain:8100> <https://homs.some.domain>. hbw_url hbw_public_url);
- hbw_login – (, user@example.com);
- hbw_token – (, renewmeplease).

, HydraOMS -:

- entity_class – (, [billing_customer](#) (), [self_care_customer](#) (), [customer_care_portal](#) () ,);
- entity_type – (, [customer](#), [account](#), [operator](#)).

-:

- entity_code – ;
- user_identifier – email, -(hbw_login);
- initial_variables – , -.

, GET, POST, PUT DELETE HydraOMS:

```

def request_widget_backend(path, method = :get, parameters = {})
  request_params = {
    method: method,
    url: build_bpm_widget_path(path),
    user: bpm_config.hbw_login,
    password: bpm_config.hbw_token
  }

  if method == :get
    request_params.merge!({headers: {params: parameters.merge(bpm_parameters)}})
  else
    request_params.merge!({payload: parameters.merge(bpm_parameters)})
  end

  RestClient::Request.execute(request_params)
end

private

def bpm_parameters
  {
    user_identifier: bpm_config[:hbw_login],
    entity_type: params[:entity_type],
    entity_code: params[:entity_code],
    entity_class: params[:entity_class]
  }
end

def build_bpm_widget_path(path = '')
  URI.join(bpm_config.url, '/widget/', path).to_s
end

def bpm_config
  YourApplication::Config.widgets.bpm
end

```

GET DELETE query-url,:

```
GET /widget/tasks?user_identifier=user@example.com&entity_type=&entity_code=ORD-6&entity_class=billing_customer
```

POST PUT (body). **content-type = application/json.**

HydraOMS content-type = application/json.

-

- HydraOMS. , , HydraOMS, , .

```

# ANY match 'widget/*path'
def proxy
  method = request.method.downcase.to_sym
  result = request_bpm_backend(params[:path], method, permitted_params)

  if method == :put
    if result
      head :no_content
    else
      head :bad_request
    end
  else
    render json: result
  end
end

private

def permitted_params
  params.symbolize_keys.except(*service_params)
end

def service_params
  %i[controller action path format]
end

```

JS

-. JS CSS HydraOMS , render().

HTML

```
<html>
<head>
  <title>HydraOMS Widget</title>
  <script type="text/javascript" src="${hbw_public_url}/assets/hbw.js"></script>
  <link rel="stylesheet" type="text/css" href="${hbw_public_url}/assets/hbw.css">
</head>
<body>
  <div class="hbw-styles">
    <div id='hbw-container'>
    </div>
  </div>
  <script type="text/javascript">
    var config = {
      widgetURL: 'https://homs.some.domain', // hbw_public_url,      WebSocket
      entity_class: 'crm_account',
      entity_type: 'customer',
      container_id: 'hbw-container', //      <div>
      userIdentifier: 'user@example.com', // e-mail ,
      locale: {
        code: 'en', // locale code
        dateTimeFormat: 'DD/MM/YYYY HH:mm' // , date-fns, https://date-fns.org/v1.30.1/docs/format
      }
    };
    var entityId = ...; //      , customerId

    window.hbw_widget = new (modulejs.require('HBW'))({
      userIdentifier: config.userIdentifier,
      widgetContainer: `#${config.container_id}`,
      widgetURL: config.widgetURL,
      widgetPath: '/widget',
      entity_class: config.entity_class,
      entity_type: config.entity_type,
      entity_code: `${entityId}`,
      locale: config.locale,
      payload: {
        variables: {
          someInitialVariable: { //      ,
            value: 'initialValue',
            type: 'string'
          }
        }
      }
    });

    window.hbw_widget.render();

    //      SPA (Single Page Appllication),      .
    // window.hbw_widget.unmountWidget();
  </script>
</body>
</html>
```