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# JQueryAjaxHelper

This is a set of simple helper applications that can be used in ajax wiki applications, i.e. to fetch properties of dynamically populate jquery.autocomplete enabled input boxes.

## Form library

### Topic selector

#### Parameters

- INPUT\_NAME: name of text input field
- INPUT\_VALUE: preselected value
- EXCLUDE: exclude expression to filter out unwanted topics, see the docu of the `excludetopic` parameter in `VarSEARCH`

#### Implementation

```
%STARTSECTION{"topicselector"}%<!-- topicselector -->
<input type="text" class="foswikiInputField" name="%INPUT_NAME%" id="%INPUT_NAME%" autocom
<!-- //topicselector -->%ENDSECTION{"topicselector"}%
```

#### Test

### Select a topic:

### Web selector

#### Parameters

- INPUT\_NAME: name of text input field
- INPUT\_VALUE: preselected value
- EXCLUDE: exclude expression to filter out unwanted topics, see the docu of the `excludetopic` parameter in `VarSEARCH`

#### Implementation

```
%STARTSECTION{"webselector"}%<!-- webselector -->
<input type="text" class="foswikiInputField {matchCase:true}" name="%INPUT_NAME%" id="%INP
<!-- //webselector -->%ENDSECTION{"webselector"}%
```

## Test

## Select a web:

## Jump box

### Parameters

- INPUT\_NAME: name of text input field, defaults to jumpbox
- GLOBAL: toggle search for topics in all webs on/off, defaults to off

### Implementattion

```
%STARTSECTION{"jumpbox"}%<!-- jumpbox -->
<input type="text" class="foswikiInputField" name="%IF{"defined INPUT_NAME" then="%INPUT_N
<script type="text/javascript">
(function($) {
  $(function() {
    $("#IF{"defined INPUT_NAME" then="%INPUT_NAME%" else="jumpbox"}%").autocomplete(
      "%SCRIPTURL{"view"}%/%SYSTEMWEB%/jQueryAjaxHelper?section=topic;contenttype=text/pla
    ).result(function(event, item) {
      window.location.href="%SCRIPTURLPATH{"view"}%/%IF{"'%GLOBAL%' != 'on'" then="%BASEWE
    });
  });
})(jQuery);
</script>
<!-- //jumpbox -->%ENDSECTION{"jumpbox"}%
```

## Test

## Local Jump:

```
Global Jump: (function($){ $(function(){
$("#globaljumpbox").autocomplete(
"#jQueryAjaxHelper?section=topic;contenttype=text/plain;skin=text;baseweb=
).result(function(event, item) { window.location.href="/" + item; }); });
})(jQuery);
```

## User selector

### Parameters

- INPUT\_NAME: name of text input field
- INPUT\_VALUE: preselected user
- MULTIPLE: true/false - select multiple users

## Implementation

```
%STARTSECTION{"userselector"}%<!-- userselector -->
<input type="text" class="foswikiInputField" name="%INPUT_NAME%" id="%INPUT_NAME%" autocomplete="off">
<script type="text/javascript">
(function ($) {
    $(function () {
        $("#INPUT_NAME").autocomplete(
            "%SCRIPTURL{"view"}%/%SYSTEMWEB%/jQueryAjaxHelper?section=user_fast;contenttype=text/plain;skin=text",
            {
                autoFill:false,
                selectFirst:false,
                scrollHeight:250,
                %IF{"not isempty MULTIPLE" then="multiple: true," else="/* single select */"%
                formatItem: function(row, index, max, search) {
                    return "<table width='100%'><tr><td width='60px'><img width='50' src='"+row[2]+"'><td width='40%'>"+row[0]+
                }
            }
        );
    });
})(jQuery);
</script>
<!-- //userselector -->%ENDSECTION{"userselector"}%
```

## Test

**Find user: (function(\$){ \$(function(){ \$("#user").autocomplete(**  
**"#jQueryAjaxHelper?section=user\_fast;contenttype=text/plain;skin=text",**  
**{ autoFill:false, selectFirst:false, scrollHeight:250, /\* single select \*/**  
**formatItem: function(row, index, max, search) { return "**

```
        "+row[0]+"
        "+row[1]+"
    "; } } ); }); })(jQuery);
```

## Autocomplete backends

These are best called using a view url of the following format

```
%SCRIPTURLPATH{"view"}%/%SYSTEMWEB%/jQueryAjaxHelper?contenttype=text/plain;skin=text;section=
```

You could also make use of `jQuery.ajax` to implement any of the below backends in a more flexible way. Note, that `jquery.autocomplete` will always add a `q` url param to the end of this string.

## Topic selector

### Url parameters

- `q`: search term substring typed so far
- `limit`: number of search results to return, defaults to 10
- `baseweb`: the web where to search for topics
- `format`: format of returned values, defaults to `$topic`
- `exclude`: exclude expression to filter out unwanted topics

## Implementation

```
%STARTSECTION{"topic"}%%SEARCH{
  "^%URLPARAM{"q" default="does not exist"}%.*"
  type="regex"
  scope="topic"
  format="<nop>%URLPARAM{"format" default="$topic"}%"
  separator="$n"
  limit="%URLPARAM{"limit" default="10"}%"
  nonoise="on"
  excludetopic="%URLPARAM{"exclude"}%"
  web="%URLPARAM{"baseweb" default="%BASEWEB%"}%"
}%%ENDSECTION{"topic"}%
```

## Web selector

Needs Foswiki:Extensions/FlexWebListPlugin

### Url parameters

- q: search term substring typed so far
- limit: number of search results to return, defaults to 10

## Implementation

```
%STARTSECTION{"web"}%%FLEXWEBLIST{
  include="%URLPARAM{"q" default="does not exist"}%.*"
  exclude="%URLPARAM{"exclude"}%"
  limit="%URLPARAM{"limit" default="10"}%"
  format="<nop>$web"
  separator="$n"
  subheader="$n"
}%%ENDSECTION{"web"}%
```

## User and Group selector

### Url parameters

- q: search term substring typed so far
- limit: number of search results to return, defaults to 10

## Implementation (SEARCH-based)

```
%STARTSECTION{"user"}%%SEARCH{
  "^%URLPARAM{"q" default="does not exist"}%.*"
  type="regex"
  scope="topic"
  format="$percentUSERINFO{"$topic\" format="\<nop>$dollarwikiname|$dollaremails|$percentF"
  separator=""
  limit="%URLPARAM{"limit" default="10"}%"
  nonoise="on"
  web="%USERSWEB%"
}%%ENDSECTION{"user"}%
```

## Implementation (DBQUERY-based)

```
%STARTSECTION{"user_fast"}%%DBQUERY{
  "uc(topic) =~ uc('^%URLPARAM{"q" default="does not exist"}%') "
  format="$percentUSERINFO{"$topic\" format="\<nop>$dollarwikiname|$dollaremails|$expand(
  separator=" "
  limit="%URLPARAM{"limit" default="10"}%"
  web="%USERSWEB%"
}%ENDSECTION{"user_fast"}%
```

## Misc

### Formfield

Fetch a formfield from a topic asynchronously.

#### Url parameters

- source: source topic
- formfield: name of formfield to retrieve

#### Implementation

```
%STARTSECTION{"formfield"}%%FORMFIELD{
  "%URLPARAM{"formfield" default="does not exist"}%"
  topic="%URLPARAM{"source" default="does not exist"}%"
}%ENDSECTION{"formfield"}%
```

## User photo

This one returns an `<img . . .>` to a user's photo. See the User selector example above.

#### Url parameters

- name: name of user
- height: image height, defaults to 50

#### Implementation

```
%STARTSECTION{"userphoto"}%<img src='%FORMFIELD{"Photo" topic="%USERINFO{"%URLPARAM{"name"
```

Edit | Attach | Print version | History: `%REVISIONS%` | Backlinks | Raw View | More topic actions

Topic revision: r7 - 05 Nov 2009 - 11:32:10 - ProjectContributor

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