

/**

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Version 2.9

See: [http://developer.mindtouch.com/App_Catalog/
Integrated_Bug_and_Issue_Tracker](http://developer.mindtouch.com/App_Catalog/Integrated_Bug_and_Issue_Tracker)

on 2.9 added performance tuning posted by SeGO on this blog post:

[http://forums.developer.mindtouch.com/
showthread.php?5882-Integrated-Bug-tracker-Support-Ticket-Library-with-JQuery&p=](http://forums.developer.mindtouch.com/showthread.php?5882-Integrated-Bug-tracker-Support-Ticket-Library-with-JQuery&p=)

*/

// ~~ Parameters ~~

```
var parameters = $0 ?? $options ?? [
  {'title':      {label:'Title',type:'text'}},
  {'type':       {data:['Bug','Support'],label:'Type',show:'both'}},
  {'urgency':    {data:['Low','Medium','High'],label:'Urgency',show:'both'}},
  {'assign':     {data:[u.name foreach var u in site.users where
!u.anonymous],label:'Assign',show:'both', type:'suggest'}},
  {'status':     {data:{'#FBB':'Open','#FBF':'Assigned','#CCF':'Fix
Issued','#DDD':'Closed','#AFA':'Fixed'},label:'Status'}},
  {'summary':    {label:'Summary',type:'textarea', show:'ticket'}},
  {'time':       {data:date.now,type:'hidden',show:'table'}}
];
```

// -- Added by carles.coll 2010/12/27

```
var new_page_content = $1 ?? $new_page_content ?? '<pre
class=\\'script\\'> Ticket() </pre>';
```

var params = [];

```
foreach(var param in parameters){
  let params .= Map.keyValues(param);
}
```

```
if(! list.contains(list.collect(params,'key'),'title')){
  <div style="font-weight:bold;color:red;">"Warning: A title field must
be assigned."</div>
}
```

//dekiapi();

jquery.ui("smoothness");

var options = "{ 'params': '" .. String.serialize(params) .. "' }";

var updateOptions = false;

if(page.properties.options.text != options){

let updateOptions=true;

let options =

String.replace(String.replace(options,'"','\\"'),"'","\\'");

}

```

<html><head>
<script type="text/javascript" src="http://www.datatables.net/media/
javascript/jquery.dataTables.min.js"></script>
<script type="text/javascript" src="http://jqplugins.appspot.com/js/
jquery.table2csv.js"></script>
<script type="text/javascript" src="http://developer.mindtouch.com/@api/
deki/files/4634/=jquery.autocomplete.pack.js"></script>
<link rel="stylesheet" type="text/css"
href="http://developer.mindtouch.com/@api/deki/files/
4635/=jquery.autocomplete.css" />
<script type="text/javascript">
    var oTable;
    Deki.$(document).ready(function() {
        oTable = Deki.$('#"..@tickets..").dataTable();
        Deki.$('table.display tfoot select').change(filter);
        Deki.$('table.display tfoot input').keyup(filter);
        Deki.$('.datepicker').datepicker();
        Deki.$('.resizable').resizable();
    });
"</script>
if(updateOptions){
    <script type="text/javascript">
        // Set page property 'options' with the options submitted to this
template.
        var prop = 'urn:custom.mindtouch.com#' + 'options'; // url
that retrieves the ticket options
        Deki.Api.ReadPageProperty(null, prop, function(result) {
            if(result.etag) { // page property exists, write over it.
                Deki.Api.UpdatePageProperty(result.href, '"..options.."',
result.etag, function() {
                    }, function(result) {
                        // alert('An error occurred trying to update the
store (status: ' + result.status + ' - ' + result.text + ')');
                    });
                } else { // page property doesn't exist, create one.
                    Deki.Api.CreatePageProperty(null, prop, '"..options.."',
null,null);
                }
            }, function(result) {
                //alert('An error occurred trying to read the store (status:
' + result.status + ' - ' + result.text + ')');
            });
        "</script>
    }
<script type="text/javascript">
var filter= function() {
    Deki.$('table.display tfoot select, table.display tfoot
input').each(function() {
        oTable.fnFilter(Deki.$(this).val(),$('table.display tfoot
th').index(Deki.$(this).parent()));
    });
}

```

```

    });
}
var saveTicket= function(page, properties){
    // Hide the ability to change stuff.

Deki.$('#saveButton').attr('value','Saving...').attr('disabled','disabled');
    Deki.$("#" .. @form .. "
tbody').find('input,select,textarea').each(function(){
        $(this).attr('disabled','disabled');
    });
    saveProperty(page,properties);          // recursive...
}
var saveProperty= function(page, properties){          // NOTE: This
function is recursive. It will call itself for all of properties.
    var propertyname;
    var propertytext;
    var first = false;
    var theRest= new Array();          // the rest of the array.
    for(var key in properties){
        if(! first){
            first = true;
            propertyname = key;
            propertytext = properties[key];
        }
        else {
            theRest[key] = properties[key];
            theRest.length++;
        }
    }
    var pageapi = '@api/deki/pages/' +
Deki.url.encode(Deki.url.encode(page));
    // no need to check for update as we just created this page.
    Deki.Api.CreatePageProperty(pageapi, 'urn:custom.mindtouch.com#' +
propertyname, propertytext, function() {
        if(theRest.length > 0){
            saveProperty(page,theRest);          // recurse
        }
        else{
            location.href = '/' + page;
        }
    }, function(result) {
        // just ignore it...
        alert('An error occurred trying to create the store (status: ' +
result.status + ' - ' + result.text + ')');
    });
}
"</script>
<style type="text/css">
/*    Ticket Table CSS    */
.dataTables_wrapper {          position: relative; min-height: 302px;

```

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_height: 302px; clear: both;    }
.dataTables_processing {    position: absolute;            top: 0px; left:
50%; width: 250px; margin-left: -125px; border: 1px solid #ddd;
text-align: center; color: #999; font-size: 11px; padding: 2px 0;    }
.dataTables_length {            width: 40%; float: left;    }
.dataTables_filter {            width: 50%; float: right; text-align:
right;    }
.dataTables_info {            width: 60%; float: left;    }
.dataTables_paginate {            float: right; text-align:
right;padding:10px;    }

/* DataTables display */
table.display {    margin: 0 auto; clear: both;width:100%;    }
table.display thead th {            padding: 3px 10px; border-bottom: 1px
solid black; font-weight: bold; cursor: pointer; _cursor:
hand;text-align:center;    }
table.display tfoot th {            padding: 3px 10px; border-top: 1px solid
black; font-weight: bold;text-align:center;    }
table.display tr.heading2 td {            border-bottom: 1px solid #aaa;    }
table.display td {            padding: 3px 10px; text-align:center
}
table.display td.center {            text-align: center;    }

/* sorting */
.sorting_asc { background: url('http://www.datatables.net/media/images/
sort_asc.jpg') no-repeat center right; }
.sorting_desc { background: url('http://www.datatables.net/media/images/
sort_desc.jpg') no-repeat center right; }
.sorting { background: url('http://www.datatables.net/media/images/
sort_both.jpg') no-repeat center right; }

/* paginate */
.paginate_disabled_previous, .paginate_enabled_previous,
.paginate_disabled_next, .paginate_enabled_next { height: 19px; width:
19px; margin-left: 3px; float: left; }
.paginate_disabled_previous { background-image:
url('http://www.datatables.net/media/images/back_disabled.jpg'); }
.paginate_enabled_previous { background-image:
url('http://www.datatables.net/media/images/back_enabled.jpg'); }
.paginate_disabled_next { background-image:
url('http://www.datatables.net/media/images/forward_disabled.jpg'); }
.paginate_enabled_next { background-image: url('http://www.datatables.net/
media/images/forward_enabled.jpg'); }

/* Pagination nested */
.paginate_button, .paginate_active {    border:1px solid black;
padding:0px 3px; text-align:center;
-moz-border-radius:3px;margin:3px;font-size:12px;    } .paginate_button
{    background-color: #F0F0F0; cursor:pointer; _cursor:hand;    }
.paginate_active {    font-weight:bold;background-color: #DDD;    }

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table.display tr.odd {          background-color: #F0F0F0;      }
table.display tr.even {        background-color: white;      }
"</style>
if(list.contains(list.collect(params, 'key'), 'status')){
  <style type="text/css">"
    /* Ticket Table CSS      */
    .new {    background-color: #FFFA7 !important;      }
  "</style>
  var status =
list.collect(params, 'value')[list.indexOf(list.collect(params, 'key'), 'status')];
// This is absolutely wicked. Is there a better way?
  <style type='text/css'>
    foreach(var s in Map.keyvalues(status.data)){
      "...String.replace(String.ToLower(s.value), ' ', '').." {
background-color:"..s.key.." !important; }";
    }
  </style>
}
</head></html>
<form id=(@submit)>
  <table class="submitform" cellspacing="0" cellpadding="5" border="1"
id=(@form)>
    <tbody>
      foreach(var param in params){
        if(param.value.type=='hidden') continue;          // skip
the hidden values.
        <tr>
          <td> param.value.label ??
String.ToCamelCase(param.key)</td>
          // check for type variable. if non-existent,
determine based on data.
          var type= param.value.type;
          if(! type){
            if(param.value.data is list || param.value is
map)      let type = 'select';
            if(!param.value.data || param.value.data is
str)      let type = 'text';
          }
          <td>
            switch(type){
              case 'suggest':
                if(param.value.data is list){
                  <input type="text"
name=(String.toLowerCase(String.replace(param.key, ' ', '_'))
style=(param.value.style.form) value=(param.value.data) ctor=(
"$this.autocomplete("..JSON.emit(param.value.data)..");") />
                }
              break;

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        case 'text':
            <input type="text"
name=(String.toLowerCase(String.replace(param.key, ' ', '_')))
style=(param.value.style.form) value=(param.value.data) />
            break;
        case 'textarea':
            var resizable = (typeof
param.value.resizable == typeof null || param.value.resizable) ?
'resizable' : '';
            <textarea class=(resizable)
name=(String.toLowerCase(String.replace(param.key, ' ', '_')))
style=(param.value.style.form)>param.value.data</textarea>
            break;
        case 'datepicker':
            <input type="text" class="datepicker"
name=(String.toLowerCase(String.replace(param.key, ' ', '_')))
style=(param.value.style.form) value=(param.value.data) />
            break;
        case 'select':
            if((param.value.data is map) ||
(param.value.data is list)){
                <select
name=(String.toLowerCase(String.replace(param.key, ' ', '_')))
style=(param.value.style.form)>
                    <option value="">
"Select..."</option>
                    foreach(var option in
param.value.data){
                        <option value=(option)>
option </option>
                    }
                </select>
            }
            break;
        default:
            // ignore.
            break;
    }
</td>
</tr>
}
<tr>
<td>
    foreach(var param in params){
        if(param.value.type!='hidden') continue;
        <input type="hidden"
name=(String.toLowerCase(String.replace(param.key, ' ', '_')))
value=(param.value.data) />
    }
</td>

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        <td align="right">
            <input type="button" value="Submit"
ctor="when($this.click) {
                var m = { };
                Deki.$('#' + {@form}).find('input, select,
textarea').each(function() {
                    m[this.name] = Deki.$(this).val();
                });
                Deki.publish('default', m);
            }" id="saveButton" />
        </td>
    </tr>
</tbody>
</table>
</form>
<script type="text/jem">"
    var dapi = '@api/deki/pages/=';
    var dparams = '/contents?abort=never';
    var dpath;
    Deki.subscribe('default', null, function(c, m, d) {          // listen
for submit events.
    // -- Modified by carles.coll 2010/12/27
    //      dpath = Deki.url.encode(M"..page.path.." + '/' +
m['title'].replace(/ /g, '_'));*/
        dpath =
Deki.url.encode(MindTouch.Text.UTF8Encode('"..page.path.." + '/' +
m['title'].replace(/ /g, '_')));
        var edpath = Deki.url.encode(Deki.url.encode(dpath));

// -- Modified by carles.coll 2010/12/27
//      var ddata = '<pre class=\\'script\\'> Ticket() </pre>';
var ddata = '"..new_page_content..";
    Deki.$.ajax({
        type: 'POST',
        url: dapi+edpath+dparams,
        data: ddata,
        complete: function(xhr){
            if(xhr.status == 200)          saveTicket(dpath, m);
            else if(xhr.status == 400)    alert('Request already
exists! Try again with a different title. ');
            else if(xhr.status == 403)    alert('Permission denied.
Log in and try again. ');
            else                          alert('Error ' + xhr.status);
        }
    });
    }, null);
"</script>
<br /><br />
<div id="buttons-panel">
<input type="button" value="Export to CSV" ctor="

```

```

var self = $this;
$this.click(function() {
    $({{'#'..'@download'}}).table2csv({
        callback: function (csv, name) {
            $('<div></div>')
                .append($('<textarea></textarea>')
                    .css({'width':'500px','height':'400px'})
                    .text(csv))
                .insertAfter('#buttons-panel')
                .dialog({
                    height: 480,
                    width: 560
                });
        }
    });
});
" />
<input type='button' value='Clear Filters' onclick="
    Deki.$('table.display tfoot select, table.display tfoot
input').each(function() {
    Deki.$(this).val('');
    oTable.fnFilter(Deki.$(this).val(), $('table.display tfoot
th').index(Deki.$(this).parent()));
});
" />
</div>
<br /><br />
var data = page.subpages;
if(#data > 0) {
    <table class="display" id=(@tickets) cellpadding="3" cellspacing="0"
width="100%">
        <thead>
            <tr>
                foreach(var param in params){
                    if(! param.value.show || param.value.show == 'both'
|| param.value.show == 'table'){
                        <th> param.value.label ??
String.ToCamelCase(param.key) </th>
                    }
                }
            </tr>
        </thead>
        <tbody>
            foreach(var p in data){
                var class="";
                var props = p.properties;
                if(list.contains(list.collect(params,'key'),'status')){
                    if(props.status.text && props.status.text != ''){
                        let class =
String.replace(String.toLowerCase(props.status.text)," ", "");

```



```

    }
    else{
        let class = "new";
    }
}
<tr id=(props.id.text) class=(class)>
    foreach(var param in params){
        if(param.value.show && param.value.show ==
'ticket')
            continue;    // if not supposed to show in table, skip.
        var property = Map.values(map.select(props,
"$key==".."String.replace(String.toLowerCase(param.key), " ", "_")..''))[0];
        <td>
            switch (param.value.type){
                case 'datepicker':
                    if(param.key =='title'){
                        <a href=(p.uri)
style=(param.value.style.table)>property.text</a>
                    }else{
                        <span
style=(param.value.style.table)> property.text </span>
                    }
                    break;
                case 'textarea':
                    <span style="display:none;">
property.text </span>    // keep this here so that filtering sees the
whole string, not just the first 50 chars.
                    if(#property.text >50){           // A
string of over 50 characters is long. Don't show the whole thing.
                        if(param.key =='title'){
                            <a href=(p.uri)
style=(param.value.style.table)>String.Substr(property.text,0,50).."..."</a>
                        }else{
                            <span
style=(param.value.style.table)>String.Substr(property.text,0,50).."..."</span>
                        }
                    }
                    else{
                        if(param.key =='title'){
                            <a href=(p.uri)
style=(param.value.style.table)>property.text</a>
                        }else{
                            <span
style=(param.value.style.table)>property.text</span>
                        }
                    }
                    break;
                default:
                    if(param.key =='title'){
                        <a href=(p.uri)
style=(param.value.style.table)>property.text </a>
                    }
            }
        }
    }
}

```

```

                }else{
                    <span
style=(param.value.style.table)>property.text</span>
                }
                break;
            }
        </td>
    }
</tr>
}
</tbody>
<tfoot>
<tr>
    // Allow filtering for lists and maps.
    foreach(var param in params){
        if(param.value.show && param.value.show ==
'ticket')
            continue; //skip if not supposed to show in table.
        if(param.value.data is list || param.value.data is
map){
            <th>
                <select>
                    <option value=""> "Show only..." </option>
                    foreach(var option in param.value.data){
                        <option
value=(option)>(option)</option>
                    }
                </select>
            </th>
        }
        else {
            <th>
                <input type="text" />
            </th>
        }
    }
</tr>
</tfoot>
</table>
<table id=(@download) style="display:none">
<tbody>
<tr>
    foreach(var param in params){
        <td> param.value.label ??
String.ToCamelCase(param.key) </td>
    }
</tr>
    foreach(var p in data){
        <tr>
            var props = p.properties;
            foreach(var param in params){

```

```
        var property = Map.values(map.select(props,
"$key=="..String.replace(String.toLowerCase(param.key), " ", "_")..''));
        let property = property[0];
        <td>property.text</td>
    }
</tr>
}
</tbody>
</table>
}
else {
    "Table contains no data.";
}
```