

Creating dependent menus with Moodle 'Database activity'

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Hello, everyone

My name is William.

In this session, I will show you how to create a dependent menu with Moodle 'Database activity'.

Sometimes, when you collect information with a 'Database form' in Moodle, the 'Add entry' page shows many fields.

If this includes some non-compulsory fields, then you can use a dependent menu to reveal relevant fields only.

For example, to create a form listing all countries, you can use a menu field to list the continents first.

After the user chooses "Europe", the selection in Field 2 "Country" is reduced to the countries within Europe.

In Moodle2.9, a 'Database field' can be made compulsory. However, if you are still using Moodle2.8 or lower version, a dependent menu can make some fields 'act' as compulsory fields.

In this session, I will create a 'Dependent menu' with Moodle 'Database activity' from scratch, then add JavaScript and CSS to the 'Add template'.

Even if you've never created a 'Database activity' before, by the end of this session, you'll be a pro :).

HOW IT WORKS

Dependent menu example

Add entry

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

Choose... ▾

'Continent' field only

Other fields are hidden

Save buttons are hidden

Add entry

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

- ✓ Choose...
- ASIA
- AFRICA
- N. AMERICA
- S. AMERICA
- EUROPE
- OCEANIA

Select a continent from the drop down menu

Add entry

dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

OCEANIA

Your country:

- ✓ Choose...
- Australia
- Fiji
- Kiribati
- Marshall Islands
- Micronesia
- Nauru
- New Zealand
- Palau
- Papua New Guinea
- Samoa
- Solomon Islands
- Tonga
- Tuvalu
- Vanuatu

Then, a 'country' field revealed.

Select a country from the drop down menu.

Add entry

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

OCEANIA

Your country:

New Zealand

Your city:

Then, a 'city' field is revealed.

Enter city into the text field.

Add entry

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

OCEANIA

Your country:

New Zealand

Your city:

Auckland

Your educational sector:

Primary
Secondary
University
TAFE or VET

When the first letter of a city's name is being entered, a 'sector' field revealed

Add entry

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

New entry

Your continent:

OCEANIA

Your country:

New Zealand

Your city:

Auckland

Your educational sector:

Primary
Secondary
University
TAFE or VET

Do you have any comment?

- ✓ Choose...
- Yes, see below:
- Thank, no comment.

Select 'sector(s)' from the multi section drop down menu

Then a 'comment option' revealed

Add entry

dependent menu

Example database.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#)

New entry

Your continent:
OCEANIA

Your country:
New Zealand

Your city:
Auckland

Your educational sector:
Primary
Secondary
University
TAFE or VET

Do you have any comment?
Thank, no comment.

Select 'No' from the drop down menu

Then the 'Submit' button is revealed

Add entry

dependent menu

Example database.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#)

New entry

Your continent:

OCEANIA

Your country:

New Zealand

Your city:

Auckland

Your educational sector:

Primary
Secondary
University
TAFE or VET

Do you have any comment?

Yes, see below:

Or, select 'Yes' from the drop down menu

Then a text field is revealed

Add entry

dependent menu

Example database.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#)

New entry

Your continent:

OCEANIA

Your country:

New Zealand

Your city:

Auckland

Your educational sector:

Primary
Secondary
University
TAFE or VET

Do you have any comment?

Yes, see below:

I love Moodle

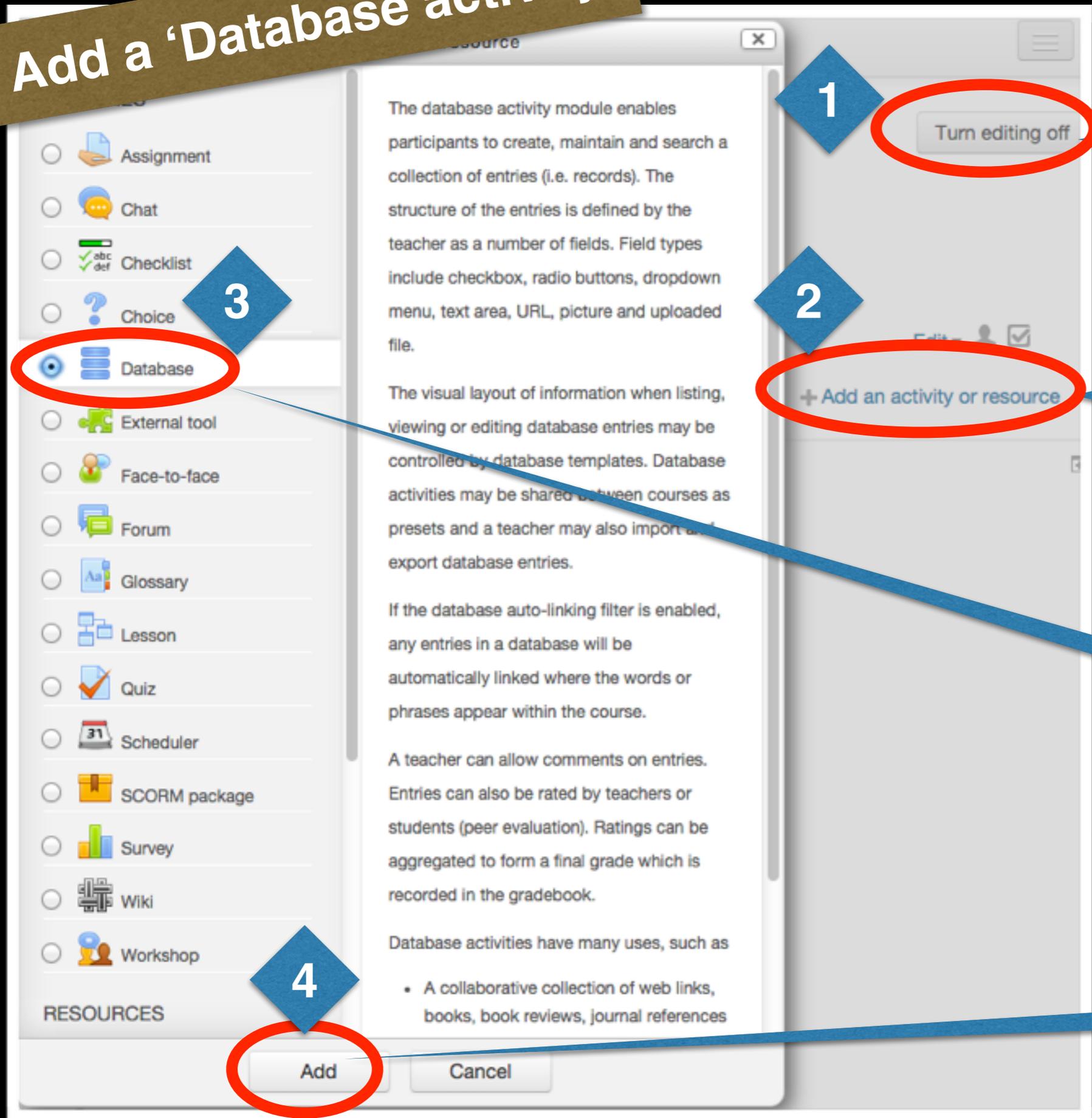
Submit

When the first letter of comment is being entered, the 'Submit' button revealed

STEP 1

Create a New Database Activity

Add a 'Database activity'



Turn editing on

Add an activity or resource

Select 'Database'

Add

Edit settings

The screenshot shows the 'Edit settings' form for a Moodle activity. The form is divided into several sections: 'General', 'Description', 'Entries', 'Availability', 'Grade', 'Ratings', 'Common module settings', 'Restrict access', and 'Activity completion'. The 'General' section contains a 'Title' field (circled in red) and a 'Description' field (containing 'Example database.', also circled in red). The 'Description' field has a rich text editor toolbar above it. The 'Activity completion' section is partially visible at the bottom. At the very bottom of the form, there are three buttons: 'Save and return to course' (circled in red), 'Save and display', and 'Cancel'. Three blue diamond-shaped callouts with numbers 1, 2, and 3 are placed on the form. Callout 1 points to the 'Title' field, callout 2 points to the 'Description' field, and callout 3 points to the 'Save and return to course' button.

Title

Description

Save

Create fields

Dependent menu

Example database.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) **Fields** [Presets](#)

There are no fields defined for this database.

Please create some below or choose a predefined set to get started.

Create a new field

Or choose a preset

Create a new field ?

- ✓ Choose...
- Checkbox
- Date
- File
- Latlong
- Menu**
- Multimenu
- Number
- Picture
- Radio button
- Text area
- Text input
- URL

Time added

Save

Create a 'menu field'

Example database.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templ](#)

Menu field

Field name:

Field description:

Options (one per line):
ASIA
AFRICA
N. AMERICA
S. AMERICA
EUROPE
OCEANIA

Save changes

Cancel

Important

Not important

Create a 'Multiple selection menu field'

View list View single Search Add entry Export Templates Fields

Multiple-selection menu field

Field name sector

Field description Sector

Options (one per line)

- Primary
- Secondary
- University
- TAFE or VET
- Workplace training (Govt., Corporate)
- Health
- Non-profit
- Defence

Save changes

Cancel

Important

Not important

Add a 'text field'

dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

[Export](#)

Important

Text field

Field name

Not important

Field description

Un-tick

Allow autolink

Save changes

Cancel

Select default order

All fields need to be added for this sample database

Selecting a 'Default sort field' will change the order of 'View list' and 'View single'

Changing from Ascending to Descending will list the latest entry on top

Example database.

View list View single Search Add entry Presets

Field name	Field type
continent	Menu
africa	Menu
asia	Menu
europa	Menu
northamerica	Menu
oceania	Menu
southamerica	Menu
city	Text
sector	Menu (Multi-select)
say	Menu
comment	Text

Create a new field ?

Choose...

Default sort field

Time added Descending Save

STEP 2

Edit Templates

Edit 'Add template'

Example database.

View list View single Search Add entry Export Templates Fields

List template Single template Advanced search template Add template RSS

CSS template Javascript template

Available tags



Fields

- continent - [[continent]]
- africa - [[africa]]
- asia - [[asia]]
- europa - [[europa]]
- northamerica - [[northamerica]]
- oceania - [[oceania]]
- southamerica - [[southamerica]]
- city - [[city]]
- sec
- say
- con

Disable editor

Reset template

Enable editor

```

<!-- Remove default table, list all fields -->
<strong>Your continent:</strong><br>
[[continent]]
<div id="country">
<strong>Your country:</strong><br>
</div>
<div id="africa">
[[africa]]
</div>
<div id="asia">
[[asia]]
</div>
<div id="europa">
[[europa]]
</div>
<div id="northamerica">
[[northamerica]]
</div>

```

Moodle has kindly created a table layout for us to start with.

The 'table layout' needs to be changed to 'DIV layout'.

Add 'id's to each DIV which going to be hidden.

Edit 'Add template'

Example database.

- View list
 - View single
 - Search
 - Add entry
 - Export
 - Templates
 - Fields
 - Presets
- List template
 - Single template
 - Advanced search template
 - Add template
 - RSS template
- CSS template
 - Javascript template

Available tags

- Fields
- continent - [[continent]]
 - africa - [[africa]]
 - asia - [[asia]]
 - europa - [[europa]]
 - northamerica - [[northamerica]]
 - oceania - [[oceania]]
 - southamerica - [[southamerica]]
 - city - [[city]]
 - sector - [[sector]]
 - say - [[say]]
 - comment - [[comment]]

Add template

```

<div id="say">
<strong>Do you have any comment? </strong><br>
[[say]]
</div>

<div id="comment">
[[comment]]
</div>

<!-- Create our own submit button -->
<div id="submit" >
<a class="btn btn-success btn-large" href="javascript:urllsubmit();">Submit</a>
</div>

<!-- Hide Moodle buttons -->
<style>
input[type="submit"] {
display:none;
}
</style>

```

Create a customised 'Submit' button

Disable editor

Add CSS to hide Moodle default buttons

Reset template

Enable editor

Add entry

Example database.

View list View single Search Add entry Export T

New entry

Your continent:
Choose...

Your country:
Choose...
Choose...
Choose...
Choose...
Choose...
Choose...

Your city:

Your educational sector:
Primary
Secondary
University
TAFE or VET

Do you have any comments?
Choose...

Submit

All 'country fields' are listed

'Comments' option and field are displayed

'Submit' button is displayed

Edit 'Single template'

View list View single Search Add entry Export Templates Fields Presets
List template Single template Advanced search template Add template RSS template
CSS template Javascript template

Available tags

- Fields
- continent - [[continent]]
- africa - [[africa]]
- asia - [[asia]]
- europa - [[europa]]
- northamerica - [[northamerica]]
- oceania - [[oceania]]
- southamerica - [[southamerica]]
- city - [[city]]
- sector - [[sector]]
- say - [[say]]
- comment - [[comment]]

Single template

```

<div class="defaulttemplate">
<table class="mod-data-default-template" border="1" cellspacing="0" cellpadding="4">
<tbody>
<tr class="r0">
<td class="template-field cell c0"><strong>Name</strong></td>
<td class="template-token cell c1 lastcol"><span class="controls template-field cell c0 lastcol">##user##</span></td>
</tr>
<tr class="r0">
<td class="template-field cell c0"><strong>Continent:</strong></td>
<td class="template-token cell c1 lastcol">[[continent]]</td>
</tr>
<tr class="r1">
<td class="template-field cell c0"><strong>Country:</strong></td>
<td class="template-token cell c1 lastcol">[[asia]][[africa]][[northamerica]][[southamerica]][[europa]][[oceania]]</td>
</tr>
<tr class="r1">
<td class="template-field cell c0"><strong>City:</strong></td>
<td class="template-token cell c1 lastcol">[[city]]</td>
</tr>
<tr class="r0">
<td class="template-field cell c0"><strong>Sector:</strong></td>
<td class="template-token cell c1 lastcol">[[sector]]</td>
</tr>
<tr class="r1">
<td class="template-field cell c0"><strong>Comment:</strong></td>
<td class="template-token cell c1 lastcol">[[say]]<br /> [[comment]]</td>
</tr>
<tr class="r0 lastrow">
<td class="controls template-field cell c0 lastcol" colspan="2">##edit## ##delete## Added at: ##timeadded## ##export##</td>
</tr>
</tbody>
</table>
</div>

```

Reset template

Enable editor



Disable editor

Save template

Moodle has kindly created a table layout for us to start with.

Some table cells just need to be merged.

View single

Dependent menu

Example database.

[View list](#)
[View single](#)
[Search](#)
[Add entry](#)

Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) (Next)

Name	Admin Lu
Continent:	OCEANIA
Country:	New Zealand
City:	Auckland
Sector:	TAFE or VET
Comment:	Yes, see below: I love Moodle
 	Added at: Monday, 22 June 2015, 1:41 am

Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) (Next)

After click the 'Submit' button, then, select the 'View single' tab

Edit 'Search template'

... database.

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template

CSS template Javascript template

Defines the interface for Advanced Searches

Available tags



Fields

- continent - [[continent]]
- africa - [[africa]]
- asia - [[asia]]
- europa - [[europa]]
- northamerica - [[northamerica]]
- oceania - [[oceania]]
- southamerica - [[southamerica]]
- city - [[city]]
- sector - [[sector]]
- say - [[say]]
- comment - [[comment]]

Reset template

Disable editor

Advanced se

Format	
B	I
U	S
X ₂	X ²
Font family	Font size
First name:	##firstname##
Last Name:	##lastname##
Continent:	[[continent]]
ASIA:	[[asia]]
AFRICA:	[[africa]]
N. AMERICA:	[[northamerica]]
S. AMERICA:	[[southamerica]]
EUROPE:	[[europa]]
OCEANIA:	[[oceania]]
City:	[[city]]
Sector:	[[sector]]
Comment:	[[comment]]

Moodle has kindly created a table layout for us to start with.

Not much to change.

Advanced Search

View single Search Add entry

Entries per page
10

Sort by
Time added Descending Advanced search Save settings

First name:	<input type="text"/>
Last Name:	<input type="text"/>
Continent:	Choose...
ASIA:	Choose...
AFRICA:	
N. AMERICA:	Choose...
S. AMERICA:	
EUROPE:	
OCEANIA:	Choose...
City:	<input type="text"/>
Sector:	Secondary University TAFE or VET Workplace training (Govt., Corporate) <input type="checkbox"/> All selected required
Comment:	<input type="text"/>

Save settings Reset filters

Note that if there is not an entry yet, the search field won't be available

Edit 'List template'

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add CSS template Javascript template

Table Header

Header

Repeated Table rows

Repeated entry

Disable editor

Reset template

Enable editor

Available tags

Fields

- continent - [[continent]]
- africa - [[africa]]
- asia - [[asia]]
- europa - [[europa]]
- northamerica - [[northamerica]]
- oceania - [[oceania]]
- southamerica - [[southamerica]]
- city - [[city]]
- sector - [[sector]]

```
<table border="1", class="generaltable">
<tbody>
<th>Name</th>
<th>Continent</th>
<th>Country</th>
<th>City</th>
<th>Sector</th>
</tr>
```

```
<tr>
<td>##more####delcheck####user####edit####delete## </td>
<td>[[continent]]</td>
<td>[[asia]][[africa]][[northamerica]][[southamerica]][[europa]][[oceania]]</td>
<td>[[city]]</td>
<td>[[sector]]</td>
</tr>
```

Footer

Table Footer

```
</tbody>
</table>
```

Moodle has kindly created a table layout for us to start with.

The table code needs to be separated into three parts

View list

Dependent menu

Example database.

[View list](#)[View single](#)[Search](#)[Add entry](#)

Name	Continent	Country	City	Sector
Admin Lu  	OCEANIA	New Zealand	Auckland	TAFE or VET
Admin Lu  	OCEANIA	New Zealand	Auckland	Workplace training (Govt., Corporate)
Admin Lu  	N. AMERICA	United States	New York	Secondary
Admin Lu  	ASIA	China	Harbin	University

Table 'Header Row'**Repeated
Table rows**

STEP 3

**Use JavaScript for
'Add entry' form**

JS for 'Add template'

At start

Hide all fields except the first drop down menu 'Continent'

View list View single Search Add entry Export Templates Fields Presets
List template Single template Advanced search template Add template RSS template
CSS template Javascript template

Available tags

- Fields
- continent - [[continent]]
- africa - [[africa]]
- asia - [[asia]]
- europa - [[europa]]
- northamerica - [[northamerica]]
- oceania - [[oceania]]
- southamerica - [[southamerica]]
- city - [[city]]
- sector - [[sector]]
- say - [[say]]

Add template

```

<script type="text/javascript">// 
// Hide all fields except the first menu (Continent)

document.getElementById("country").style.display = 'none';
document.getElementById("asia").style.display = 'none';
document.getElementById("africa").style.display = 'none';
document.getElementById("northamerica").style.display = 'none';
document.getElementById("southamerica").style.display = 'none';
document.getElementById("europa").style.display = 'none';
document.getElementById("oceania").style.display = 'none';
document.getElementById("city").style.display = 'none';
document.getElementById("sector").style.display = 'none';
document.getElementById("say").style.display = 'none';
document.getElementById("comment").style.display = 'none';
document.getElementById("submiturl").style.display = 'none';
</pre>
</div>
<div data-bbox="65 685 245 835" data-label="Text"><p>Disable editor</p></div>
<div data-bbox="65 885 215 975" data-label="Text"><p>Enable editor</p></div>
<div data-bbox="260 855 550 995" data-label="Text"><p>Get Element by ID</p></div>
<div data-bbox="565 855 855 975" data-label="Text"><p>Display=None</p></div>
<div data-bbox="915 955 995 990" data-label="Page-Footer"><p>37 / 57</p></div>
```

JS for 'Add template'

Example database.
View list View single Search Add entry Exp
List template Single template Advanced search te
CSS template Javascript template

Hide all 'country' fields when a selection of 'continent' changed

When a continent is selected

Event=onchange

Hide all fields when an item is selected

Form ID

Available tags
Fields
continent - [[continent]]
africa - [[africa]]
asia - [[asia]]
europe - [[europe]]
northamerica - [[northamerica]]
oceania - [[oceania]]
southamerica - [[southamerica]]
city - [[city]]
sector - [[sector]]
say - [[say]]

```
// Select the continent menu
var menuselection=document.getElementById('[[continent#id]]');

// Listen to the event of the first menu
document.getElementById('[[continent#id]]').onchange=function(){display():};

function display( {
// Hide all fields except the first menu
document.getElementById("country").style.display = 'none';
document.getElementById("asia").style.display = 'none';
document.getElementById("africa").style.display = 'none';
document.getElementById("northamerica").style.display = 'none';
document.getElementById("southamerica").style.display = 'none';
document.getElementById("europe").style.display = 'none';
document.getElementById("oceania").style.display = 'none';
document.getElementById("city").style.display = 'none';
document.getElementById("sector").style.display = 'none';
document.getElementById("say").style.display = 'none';
document.getElementById("comment").style.display = 'none';
document.getElementById("submiturl").style.display = 'none';
```

Function

Get Element by ID

Display=None

JS for 'Add template'

Number of item's order (automatically set when field is defined) is used to control fields revealed when it is selected

Get Element by ID

```

// display 2 items each time according to menu selection
if ( menuselection.selectedIndex==1 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("asia").style.display = 'block';
}

if ( menuselection.selectedIndex==2 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("africa").style.display = 'block';
}

if ( menuselection.selectedIndex==3 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("northamerica").style.display = 'block';
}

if ( menuselection.selectedIndex==4 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("southamerica").style.display = 'block';
}

if ( menuselection.selectedIndex==5 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("europe").style.display = 'block';
}

if ( menuselection.selectedIndex==6 ) {
  document.getElementById("country").style.display = 'block';
  document.getElementById("oceania").style.display = 'block';
}

```

Define number of fields to be revealed each time

Disable editor

Available tags
Fields
continent - [[continent]]
africa - [[africa]]
asia - [[asia]]

comment - [[comment]]

Reset template

Enable editor

JS for 'Add template'

sample database.

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template

CSS template Javascript template

When a country is selected

Get element by field ID

Event=onchange

Form ID

Reveal the 'City' field

- Available
- continent - [[continent]]
 - africa - [[africa]]
 - asia - [[asia]]
 - europa - [[europa]]
 - northamerica - [[northamerica]]
 - oceania - [[oceania]]
 - southamerica - [[southamerica]]
 - city - [[city]]
 - sector - [[sector]]
 - say - [[say]]
 - comment - [[comment]]

```

Add template

// display city
document.getElementById("[[asia#id]]").onchange=function(){displaycity();};
document.getElementById("[[africa#id]]").onchange=function(){displaycity();};
document.getElementById("[[northamerica#id]]").onchange=function(){displaycity();};
document.getElementById("[[southamerica#id]]").onchange=function(){displaycity();};
document.getElementById("[[europa#id]]").onchange=function(){displaycity();};
document.getElementById("[[oceania#id]]").onchange=function(){displaycity();};

function displaycity() {
  document.getElementById("city").style.display = 'block';
}

// display sector
document.getElementById("[[city#id]]").onkeyup=function(){displaysector();};

function displaysector() {
  document.getElementById("sector").style.display = 'block';
}

// display say
document.getElementById("[[sector#id]]").onchange=function(){displaysay();};

function displaysay() {
  document.getElementById("say").style.display = 'block';
}

```

Event=onkeyupe

Event=onchange

Reveal the 'Sector' field

Reveal the 'Say' field

JS for 'Add template'

When a comment option is selected

Number of item's order (automatically set when field is defined) is used to control fields revealed when it is selected

Get Element by field ID

Event=onchang

Form ID

```
if ( sayselection.selectedIndex==1 ) {
  document.getElementById("comment").style.display = 'block'
  document.getElementById("submiturl").style.display = 'none'
}
```

Define number of fields to be revealed each time

Reveal the 'Submit' button

```
if ( sayselection.selectedIndex==2 ) {
  document.getElementById("comment").style.display = 'none'
  document.getElementById("submiturl").style.display = 'block'
}
```

JS for 'Add template'

When a comment text is entered

Get Element by field ID

Event=onkeyup

Form ID

Reveal the 'Submit' button

Submit form function

Example database.

View list View single Search Add entry Export Templates Fields Presets

List template Single template Advanced search template Add template RSS template CSS temp

Available tags

- Field ids
- continent id - [[continent#id]]
- africa id - [[africa#id]]
- asia id - [[asia#id]]
- europa id - [[europa#id]]
- city id - [[city#id]]
- sector id - [[sector#id]]
- say id - [[say#id]]
- comment id - [[comment#id]]

```

}
}
// display button
document.getElementById("[[comment#id]]").onkeyup=function(){displaybutton0;};

function displaybutton0 {
document.getElementById("submiturl").style.display = 'block';
}

// Submit and Save
function urlsubmit() {
var x = document.getElementsByTagName("form");
x[0].submit();
}

// ]]></script>

```

Reset template

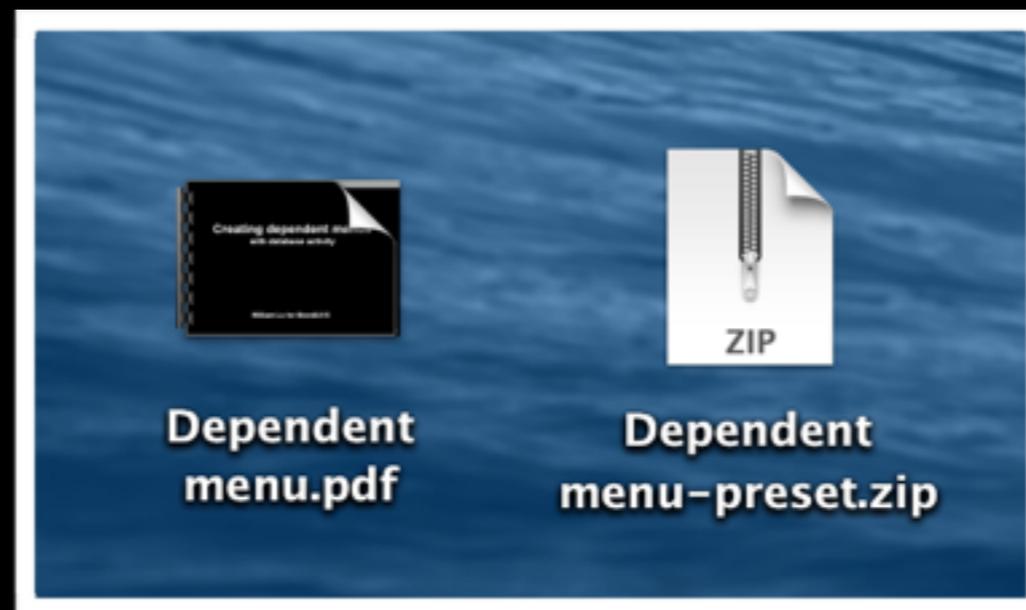
Enable editor

Save template

FREE DOWNLOAD

Please download the presets and this presentation's PDF file from

<https://moodle.net/mod/data/view.php?d=1&rid=141>



Use preset

Dependent menu

Example database.

[View list](#)

[View single](#)

[Search](#)

[Add entry](#)

[Export](#)

[Templates](#)

[Fields](#)

[Presets](#)

There are no fields defined for this database.

Please create some below or **choose a predefined set** to get started.

Choose a preset

Create a new field ?

Choose... ⌵

Default sort field

Time added ⌵

Ascending ⌵

Save

Use preset

Dependent menu

Example database.

View list View single Search Add entry Export Templates Fields **Presets**

1

Save as preset

Continue

Import

Import from zip file

Choose file

Choose a file...

You can drag and drop files here to add them.

Import

There are required fields in this form marked *

2

Use a preset

Image gallery

Choose

Show All

ZIP

Dependent menu-preset.zip

Choose 'Preset'

Drag and drop preset zip file

Dependent menu

Example database.

View list View single Search Add entry Export Templates Fields Presets

Field mappings

startminute	Create a new field
starthour	Create a new field
endminute	Create a new field
endhour	Create a new field
task	Create a new field
timespent	Create a new field
date	Create a new field
detail	Create a new field

All old fields not mapped to a new field will be lost and all data in that field will be removed.

Overwrite current settings

3

Continue

Nothing to change, just select 'Continue'

Dependent menu

Example database.

View list View single Search **Add entry** Export

The preset has been successfully applied. Add entries to this database.

Continue

Select 'Add entries' to start

**More example 1:
Extra fields**

Add entry

Dependent menu and hidden empty fields

Hide empty fields in 'Single View' and Dependent menu in 'Add entry' template.

View list View single Search Add entry Export Templates

New entry

Core elements addressed in this entry:

For each chosen core element below, please reflect explicitly on how it relates

Element 1

Paragraph B I List Bulleted Link Unlink Image Smile Video Attach

I like E1

Path: p

HTML format

Would you like to add another core element from the drop down list?

- ✓ Choose...
- Yes, I'd like to enter more elements
- No more.

Save and add another

Show 2 fields and an option menu

Other fields are hidden

Add entry

Dependent menu and hidden empty fields

Hide empty fields in 'Single View' and Dependent menu in 'Add entry' template.

[View list](#) [View single](#) [Search](#) [Add entry](#) [Export](#) [Templates](#) [Fields](#) [F](#)

New entry

Core elements addressed in this entry:

For each chosen core element below, please reflect explicitly on how it relates to y

Element 1 ↕

Paragraph **B** *I* [List icons] [Link icons] [Image icon] [Smiley icon] [Video icon] [Attachment icon]

I like E1

Path: p

HTML format ↕

Would you like to add another core element from the drop down list?

Yes, I'd like to enter more elements ↕

Again, core elements addressed in this entry:

For each chosen core element below, please reflect explicitly on how it relates to y

Element 2 ↕

Paragraph **B** *I* [List icons] [Link icons] [Image icon] [Smiley icon] [Video icon] [Attachment icon]

I love E2 too.

Path: p

HTML format ↕

Save and view

Save and add another

After select 'Yes'

2 more fields are revealed

View single

Dependent menu and hidden

Hide empty fields in 'Single View' and Dependent menu in 'A

View list View single Search Add entry Expo

Page: 1 2 (Next)

Added by: Admin Lu at: Friday, 26 June 2015, 2:18 am

Core elements addressed in this entry:

Element 3

I am working on E3

⚙️ ✕

Page: 1 2 (Next)

Dependent menu and hidde

Hide empty fields in 'Single View' and Dependent menu in

View list View single Search Add entry Ex

Page: (Previous) 1 2

Added by: Admin Lu at: Friday, 26 June 2015, 2:17 am

Core elements addressed in this entry:

Element 1

I like E1

More entry, core elements addressed in this entry:

Element 2

I love E2 too.

⚙️ ✕

Page: (Previous) 1 2

Empty fields are hidden

JS for 'Single template'

```

core1 - [[core1]]
core2 - [[core2]]
comment1 - [[comment1]]
comment2 - [[comment2]]
menu - [[menu]]
Actions
Edit - ##edit##
Delete - ##delete##

```

Disable editor

Reset template

Enable editor

```

Single template

<div>Added by: ##user## at: ##timeadded##</div>
<div><strong>Core elements addressed in this entry: </str
[[core1]]</div>
<div>[[comment1]]</div>

<div id="more"><strong>More entry, core elements addre
[[core2]]</div>
<div>[[comment2]]</div>

<p> ##edit## ##delete## ##approve## ##disapprove## ##

<script type="text/javascript">// <![CDATA[

if ('[[core2]]' == '') {
  document.getElementById('more').style.display='none
}

if ('[[comment2]]' == '') {
  document.getElementById('more').style.display='none
}

```

The 'table layout' needs to be changed to 'DIV layout'.

Add 'id's to each DIV that is going to be hidden.

If content is empty display = none

More example 2:
Optional fields

Add entry

Dependent menu and hidden empty fields

Hide empty fields in 'Single View' and Dependent menu in 'Add entry' template.

View list

View single

Search

Add entry

Show common fields

New entry

Name:

Common field

Optional menu

Material:

Choose...

Before the Material selection is made

Density: (number value)

Common field

Show common fields

Price: (number value)

Common field

Save and view

Save and add another

Add entry

Dependent menu and hidden empty fields

Hide empty fields

View list

After selecting the Material

Name:

Material:

Density: (number value)

Conductivity: (number value)

Malleability:

Price: (number value)

Save and view Save and add another

Dependent menu and hidden empty fields

Hide empty fields

View list

After selecting the Material

Name:

Material:

Density: (number value)

Relevant fields are revealed

Botanical name:

Combustion: (number value)

Price: (number value)

Save and view Save and add another

Empty fields will be hidden in 'View Single'

JS for 'Single template'

Fields
name - [[name]]
material - [[material]]
price - [[price]]
conductivity - [[conductivity]]
density - [[density]]
combustion - [[combustion]]
malleability - [[malleability]]
botanical - [[botanical]]

Actions
Edit - ##edit##
Delete - ##delete##
Approve - ##approve##

Reset template

Enable editor

Disable editor

```
<div><strong>Name: </strong>  
<div><strong>Material: </strong>  
<div id="density"><strong>Den  
<div id="conductivity"><strong>  
<div id="malleability"><strong>  
<div id="botanical"><strong>B  
<div id="combustion"><strong>  
<div><strong>Price: </strong>  
<p> ##edit## ##delete## ##ap  
<script type="text/javascript">
```

```
if ('[[conductivity]]' == '') {  
  document.getElementById('conductivity').style.display='none';  
}  
  
if ('[[malleability]]' == '') {  
  document.getElementById('malleability').style.display='none';  
}  
  
if ('[[botanical]]' == '') {  
  document.getElementById('botanical').style.display='none';  
}  
  
if ('[[combustion]]' == '') {  
  document.getElementById('combustion').style.display='none';  
}  
  
// ]]></script>
```

The 'table layout' needs to be changed to 'DIV layout'.

Add 'id's to each DIV that is going to be hidden.

If content is empty
display = none

ISSUES

The dependent menu **won't** work at all, if JavaScript is **disabled** in user's browser settings.

All fields will be revealed straight away, there'll be no error message on the Moodle page.

The browser will show a warning icon - users must click on the icon to allow JS.



Any Questions?