**mdl\_assignment – Defines assignments**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

description

format

resubmit

type

maxbytes

timedue

grade

timeodified

------------------------------

Total Bytes

Indexes:

**mdl\_assignment\_submissions - Info about submitted assignments**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

assignment

userid

timecreated

timemodified

numfiles

grade

comment

teacher

timemarked

mailed

------------------------------

Total Bytes

Indexes:

**mdl\_backup\_files - To store and recode ids to user and course files**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

backup\_code

file\_type

path

old\_id

new\_id

------------------------------

Total Bytes

Indexes:

**mdl\_backup\_ids - To store and convert ids in backup/restore**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

backup\_code

table\_name

old\_id

new\_id

info

------------------------------

Total Bytes

Indexes:

**mdl\_chat - Each of these is a chat room**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

intro

keepdays

studentlogs

chattime

schedule

timemodified

------------------------------

Total Bytes

Indexes:

**mdl\_chat\_messages - Stores all the actual chat messages**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

chatid

userid

system

message

timestamp

------------------------------

Total Bytes

Indexes:

**mdl\_chat\_users - Keeps track of which users are in which chatrooms**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

chatid

userid

version

ip

firstping

lastping

lastmessageping

sid

------------------------------

Total Bytes

Indexes:

**mdl\_choice - Available choices are stored here**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

text

format

answer1

answer2

answer3

answer4

answer5

answer6

publish

timemodified

------------------------------

Total Bytes

Indexes:

**mdl\_choice\_answers**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

choice

userid

answer

timemodified

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_config - Moodle configuration variables**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

name

value

------------------------------

Total Bytes

Indexes:

name 🡪 Primary

**mdl\_course - Course information**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

category

sortorder

password

fullname

shortname

summary

format

showgrades

modinfo

newsitems

teacher

teachers

student

students

guest

startdate

numsections

showrecent

marker

visible

timecreated

timemodified

------------------------------

Total Bytes

Indexes:

category 🡪 Primary

**mdl\_course\_category - Course categories**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

name

description

parent

sortorder

coursecount

visible

timemodified

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_course\_display - Stores info about how to display the course**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

userid

display

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_course\_modules - Stores info about active course modules**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

module

instance

section

added

deleted

score

visible

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_course\_sections - Stores info about individual course sections**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

section

summary

sequence

visible

------------------------------

Total Bytes

Indexes:

**mdl\_forum - Forums contain and structure discussion**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

type

name

intro

open

assessed

assesstimefinish

scale

forcesubscribe

timemodified

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_forum\_discussions - Forums are composed of discussions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

forum

name

firstpost

assessed

timemodified

------------------------------

Total Bytes

Indexes:

**mdl\_forum\_posts - All posts are stored in this table**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

discussion

parent

userid

created

modified

mailed

subject

message

format

attachment

totalscore

------------------------------

Total Bytes

Indexes:

**mdl\_forum\_ratings - Contains user ratings for individual posts**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid

post

time

rating

------------------------------

Total Bytes

Indexes:

**mdl\_forum\_subscriptions - Keeps track of who is subscribed to what forum**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid

forum

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_journal - Stores info about user journals**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

intro

days

assessed

timemodified

------------------------------

Total Bytes

Indexes:

**mdl\_journal\_entries - All the journal entries of all people**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

journal

userid

modified

text

format

rating

comment

teacher

timemarked

mailed

------------------------------

Total Bytes

Indexes:

**mdl\_log - Every action is logged as far as possible**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

time

userid

ip

course

module

action

url

info

------------------------------

Total Bytes

Indexes:

**mdl\_log\_display - For a particular module/action, specifies a moodle table/file**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

module

action

mtable

field

------------------------------

Total Bytes

Indexes:

**mdl\_modules - Stores info about each module loaded into moodle**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

name

version

cron

lastcron

search

visible

------------------------------

Total Bytes

Indexes:

**mdl\_quiz - Main information about each quiz**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Quiz id - unique number quiz attempted

course Course the quiz is for

name Name of quiz

intro Message to user displayed under name

timeopen Time quiz is first available to user

timeclose Time quiz closes

attempts Number of attempts allowed

attemptonlast Attempt builds on last: yes/no

feedback Display feedback upon completion: yes/no

correctanswers Show correct answers in feedback: yes/no

grademethod Grading method: i.e. highest, average

review Allow users to review their answers: yes/no

shuffleanswers Shuffle answers so order is unique to each user: yes/no

questions

sumgrades

grade

timecreated Time quiz was created

timemodified Time quiz was last modified

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_answers - Answers with a fractional grade (0-1) and feedback**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Quiz id - unique number quiz attempted

question Question id

answer Correct answer

fraction How right the answer is (0-1)

feedback Feedback to display on grade report

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_attempts - Stores various attempts on a quiz**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id INT 10 Quiz id - unique number quiz attempted

quiz Quiz number

userid INT 10 User id of student

sumgrades Number of questions answered correctly

timestart INT 10 Time quiz started

timefinish INT 10 Time quiz finished

timemodified INT 10 Most recent time quiz grade modified

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_categories - Categories are for grouping questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

info

publish

stamp

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_grades - Final quiz grade (may be best of several attempts)**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Unique number quiz attempted

quiz Quiz number

userid User id of student

grade Final quiz grade displayed as a percentage

timemodified Most recent time quiz grade modified

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_match - Defines fixed matching questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

subquestions

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_match\_sub - Defines subquestions that make up a matching question**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Quiz id number

question

questiontext Text of question as it appears to student

answertext Corresponding text of answer as it appears to student

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_multianswers - Options for multianswer questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Quiz id number

question

answers

positionkey

answertype

norm

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_multichoice - Options for multiple choice questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

layout

answers

single

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_numerical - Options for numerical questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

answer

min

max

------------------------------

Total Bytes

Indexes:

answer 🡪 Primary

**mdl\_quiz\_question\_grades - The grade for a question in a quiz**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

quiz

question

grade

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_questions - The quiz questions themselves**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

category

name

questiontext

image

defaultgrade

qtype

stamp

version

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_randomsamatch - Info about random short-answer matching questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

choose

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_responses - Stores user responses to a quiz, and percentage grades**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

attempt

question

answer

grade

------------------------------

Total Bytes

Indexes:

**mdl\_quiz\_shortanswer - Options for short answer questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

answers

usecase

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_quiz\_truefalse - Options for true/false questions**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

question

trueanswer

falseanswer

------------------------------

Total Bytes

Indexes:

question 🡪 Primary

**mdl\_resource**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

type

reference

summary

alltext

timemodified

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_scale - Defines grading scales**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id Grade scale id

courseid Course id number

userid User id number

name

scale

description Description of the rgade scale

timemodified Most recent time grade scale modified

------------------------------

Total Bytes

Indexes:

**mdl\_survey - Contains data for all surveys**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

template

days

timecreated

timemodified

name

intro

questions

------------------------------

Total Bytes

Indexes:

**mdl\_survey\_analysis**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

survey

userid

notes

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_survey\_answers - Holds each user’s answers to the survey**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid

survey

question

time

answer1

answer2

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_survey\_questions - Holds questions for each survey**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

text

shorttext

multi

intro

type

options

------------------------------

Total Bytes

Indexes:

**mdl\_user - Holds user information for for each person**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id User id number

confirmed Confirmed enrollment via e-mail: 1/0

deleted Deleted user: 1/0

username Username

password Encrypted password

idnumber

firstname User’s first name

lastname User’s last name

email User’s e-mail address

icq User’s icq chat name

phone1 User’s primary phone number

phone2 User’s secondary phone number

institution

department

address User’s street adress

city User’s city

country User’s country

lang Language preferences chosen by user

timezone Timezone user is located in: used for time updates and quiz records/logs

firstaccess Date and time user first accessed online account

lastaccess Last time the user was logged in

currentlogin Time user currently logged in

lastIP Location of most recent log in

secret Answer to user’s secret question in case of lost pasword

picture Location/filename of user’s picture

url

description Descripton of user, entered by user upon account activation

mailformat HTML or plaintext: 1/0

maildisplay

htmleditor HTML commands valid in user text fields: 1/0

autosubscribe Automatically subscribe user to forums visited: 1/0

timemodified Most recent time user recor modified

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_user\_admins - One record per administrative user**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid User id number for administrator

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_user\_coursecreators - One record per course creator**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid User id number for course creator

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_user\_students - Holds student information**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid Student id number

course Course student enrolled in

timestart

timeend

time

------------------------------

Total Bytes

Indexes:

id 🡪 Primary

**mdl\_user\_teachers - One record per teacher per course**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

userid User id number

course Course user ‘teaches’

authority

role

editall

timemodified Most recent time teacher record modified

------------------------------

Total Bytes

Indexes:

**mdl\_workshop - Defines workshop**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

course

name

description

nelements

phase

format

gradingstrategy

resubmit

agreeassessments

hidegrades

anonymous

includeself

maxbytes

deadline

grade

ntassessments

nsassessments

timemodified

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_assessments - Info about assessments by teacher and students**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

submissionid

userid

timecreated

timegraded

timeagreed

grade

gradinggrade

mailed

generalcomment

teachercomment

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_comments - Defines comments**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

assessmentid

userid

timecreated

mailed

comments

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_elements - Info about marking scheme of assignments**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

elementno

description

scale

maxscore

weight

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_grades - Info about individual grades given to each element**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

assessmentid

elementno

feedback

grade

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_rubrics - Info about the rubrics marking scheme**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

elementno

rubricno

description

------------------------------

Total Bytes

Indexes:

**mdl\_workshop\_submissions - Info about submitted work from teacher and students**

=========================================================================

Field Name Type Len Dec

---------- ---- --- ---

id

workshopid

userid

title

timecreated

mailed

teachergrade

peergrade

biasgrade

reliabilitygrade

gradinggrade

finalgrade

------------------------------

Total Bytes

Indexes:

title 🡪 Primary