

## Question Database v0.1 (alpha)

Requirements				
Requirements	Filemaker (written with v19.4, but should work with v16 or greater) MacOS (Windows possible, but likely requires significant script path modifications)			
	Feature	Figure support	Functional	External validation
<b>Question types</b>	essay	✓	✓	X
	fill-in-the-blank (1 to 9 possible)	✓	✓	X
	fill-in-the-blank table (4X4 table limit, 3 questions, 9 answers, with 3 distractors each)	✓	✓	X
	matching (9 matches, 2 distractors total)	✓	✓	X
	multiple drop down (up to 5 with 3 distractors each)	✓	✓	X
	multiple choice (5 options)	✓	✓	X
	multiple drop down table (4X4 table limit, 3 questions, 9 answers, with 3 distractors each)	✓	✓	X
	ordering (use multiple drop down)	✓	✓	X
	short answer	✓	✓	X
	student file upload question		partial	
	true/false	✓	✓	X
<b>Question formatting</b>	HTML		✓	X
	plain text		✓	X
	RTF		?	
<b>Import</b>	CSV		✓	X
	Microsoft Excel		✓	X
	QTI import		not planned	
	TAB delineated		✓	X
	import templates		considering	
<b>Export</b>	CSV		✓	X
	Microsoft Excel		✓	X
	Microsoft Word	TBD	TBD	
	multi-quiz QTI package export (needed?)		considering	
	PDF	TBD	TBD	
	POST multi-quiz QTI package via API (needed?)		considering	
	<b>POST QTI quiz (classic) to Canvas via API with or without figures</b>	✓	✓	X

	QTI package quiz (classic) export with or without figures	✓	✓	X
	Quiz key generation	TBD	partial	
<b>QTI quiz settings</b>	access code generation		✓	X
	allow multiple attempts		✓	X
	anonymous submissions		✓	X
	availability from		✓	X
	available until		✓	X
	due date		✓	X
	hide results		✓	X
	post feedback			considering
	Proctorio		✓	X
	publish		✓	X
	question bank incorporation			automatic
	question bank incorporation suppress			possible?
	question number		✓	X
	quiz point value		✓	X
	quiz type		✓	X
	require LockDown browser		✓	X
	scoring policy		✓	X
	show answer start date		✓	X
	show answer until date		✓	X
	show correct answers		✓	X
	suffle answers		✓	X
	time limit		✓	X
	upload quiz associated figures		✓	X
<b>Question Database Organization</b>	basic quiz tagging (roudimentary)		✓	X
	chapter		✓	X
	checked flag (question is ok to publish)		✓	X
	exam flag		✓	X
	homework flag		✓	X
	in process flag (question is not finished)		✓	X
	modify flag (question needs to be changed)		✓	X
	point value for question		✓	X
	question type (see above)		✓	X

	question number		✓	X
	question source		✓	X
	quiz flag		✓	X
	topic		✓	X
	question select flag		✓	X
<b>Documentation</b>	step-by-step instructions			considering