Questions v1.9a

equirements										
	Filemaker (written with	v19.4, but should	d work with v1	6 or greater)						
estions Data										
		_		QTI	lı	mport (I) /	Export (E) Lin	nits		
	Question Type	Figures	Import	port or API POS1	Questions	Answers	Alternatives	Distractors	08	3
	essay	✓	✓	√ 1	1 (I/E)	1 (I/E)			É	
	file upload		X 2	considering						
	fill in multiple blanks	✓	✓	✓	1 (I/E)	9 (I/E)	3 (I/E) each		É	
	fill in multiple blanks (table)	✓	X 3	✓	3 (E)	9 (E)	3 (E) each		É	
	formula question	X ²	X ²	X ²						
	matching	✓	√ 4	✓	9 (I/E)	9 (I/E)		2 (E) total	É	
	multiple answers	✓	✓	✓	6 (I/E)	6 (I/E)			É	
	multiple choice	✓	√ 5	✓	1 (I/E)	6 (I/E)			É	
	multiple drop down	✓	✓	✓	6 (I/E)	6 (I/E)		3 (I/E) each	Œ	
	multiple drop down (table)	✓	X 3	✓	3 (E)	9 (E)		3 (E) each	Œ	
	numerical answer	✓	√ 6	√ 6	1 (I/E)	1(I/E)			Œ	
	short answer	✓	✓	✓	1 (I/E)	1 (I/E)	3 (I/E) total		Œ	
	text (no question)	✓	✓	√ 7					É	
	true/false	✓	✓	✓	1 (I/E)	1 (I/E)			É	
otes	For all questions feedback n is a Canvas limitation	ot implemented.	For essay que	estions upload not imp	olemented, i	f used, it is	visible to stud	lents — this		
	2. possisble, but need real wo	rld example								
	3. the table format is non-existe is imported as a 'multiple drop									
	4. distractors not imported (car	not figure out ho	ow to do so fro	om XML structure)						
	5. imports follow XML data stru To avoid <u>all</u> multiple choice ans rearrange the answers manually	wers being "A" a	after re-exporti							
	6.' answer in the range' works,	need to add 'exa	act answer' an	d 'answer with precis	ion'; need r	eal world e	example			
	7. properly positioning the 'text	duestion (space	er) during QTI	export is not impleme	ented — rela	ated to kno	wn issue 1			

Question Formating	Question Formating							
	Format	Import	Export					
	HTML	X ¹	√ 2		É			
	plain text	✓	✓		É			
	RTF	X ¹	√ ²		É			
Notes	automatically. Instead of <strong substituted automatically in CSS alphabet are hard-coded (i.e. &al</strong 	on can be formaly/bold Filemak transform to co oha; → α verted into safe	atted using Filer uses "font somply with XM XML format.	emaker. Formats (italic, underline, etc) will be sent to Canvas in HTML style" which is not recognized by Canvas. The following characters are L constraints <,>, ", ', &. Also, Unicode characters for lowercase Greek Other Unicode characters will need to be added individually. If				

Quiz Import						
	File Format	Import	Figures			
	CSV	√ 1	X ²		É	
	FileMaker	√ 1	✓		É	
	Microsoft Excel	√ 1	X^2		É	
	QTI 1.2 XML Quiz				É	
	single quiz	✓	√ 3		É	
	all quizzes	✓	√ 3		É	
					É	
	TAB delineated	√ 1	X 2		É	
Notes	1. efficient import will require a te	mplate that sp	pecifies datafield tar	gets, considering generating templates		
	2. figures need to be manually im	ported (drag/d	drop) into the databa	ase		
		user has the	appropriate file perr	in which the files are stored on Canvas. It contains all quizmissions. In a multi-instructor setting, figures may be missing if an ion.		

Quiz Management on 0	uiz Management on Canvas		
	Feature	implemented	
	Delete Quiz		
	single quiz	✓	
	selected quizzes	✓	
	all quizzes	✓	
	Dynamic Hyperlinks		
	go to quizzes page	✓	
	go to import status page	✓	
	go to quiz preview	✓	
Notes			

Known Issues

- 1. Figure out how to specify question sort order dynamically (q_format vs q_#), currently set by q_# in the database
- 2. If number of quizzes on Canvas > number of quizzes in database, an error is thrown when parsing quiz_id (#10) after post
- 3. Proctorio settings may not align given the \$string used specific to my settings (is this possible to change?)
- 4. TXT questions are not counted on Canvas as a question, but must be in the database, this will make questions out of register
- 5. may be a problem with capturing/deleting pre-existing \$quiz_id if there are duplicate names (use 'Download & parse quiz IDs (cURL)' first) or scripts are terminated prematurely
- 6. can upload quizzes faster than Canvas can keep up, this can cause quizzes to fall out of register for 'Delete quiz on Canvas based on ID'
- 7. fix figure upload sub-script for single and multiple quizzes (need to parse assessement)
- 8. work on exporting figures for printed guizzes
- 9. quiz settings (instructions; times; etc) not imported need to scan assessment_meta.xml file; current import only scans question data file
- 10. The following characters cannot be present in a question as they cannot be uploaded in the XML (<, >, ", ', &). Need to figure out a substitution calculation on export or make the characters invalid on entry.

Data Export					
	File Format	Export	Figures	Ú	. ==
	CSV	✓	√ 1	É	. =
	Microsoft Excel	✓	√ 1	É	
	Filemaker	✓	✓	É	
	TAB delineated	✓	√ 1	É	. =
Notes	1. figures can be exporte	ed but are not linked to	the data file		

Quiz Management on 0	uiz Management on Canvas		
	Feature	implemented	
	Delete Quiz		
	single quiz	✓	
	selected quizzes	✓	
	all quizzes	✓	
	Dynamic Hyperlinks		
	go to quizzes page	✓	
	go to import status page	✓	
	go to quiz preview	✓	
Notes			

ported QTI p	oackage settings							
	Feature	Options	implemented		Ś			
	access code generation	random string	✓		Ś			
	allow multiple attempts	number	✓		É			
	anonymous submissions	true or false	✓		É			
	availability from	date/time	✓		É			
	available until	date/time	✓		É			
	due date	date/time	X ¹	if not specified, 'available until' date is substituted	Ś			
	hide results	always; until last attempt	✓		É			
	post feedback	true or false	X ²		É			
	Proctorio	true or false	√ 3		É			
	publish	true or false	✓		É			
	question bank incorporation	automatic	✓		Ś			
	question bank suppression		X ⁴		Ś			
	question number	number	✓		Ś			
	quiz point value	number	✓		Ś			
	quiz type g	nment; graded_survey; practice	✓		Ś			
	require LockDown browser	true or false	√ 7		Ś			
	scoring policy	hightest or latest	✓		É			
	show answer start date	date/time	√ 5		É			
	show answer until date	date/time	√ 5		É			
	show correct answers	date/time	√ 5		É			
	suffle answers	true or false	✓		É			
	time limit	number (min)	✓		Ś			
	upload quiz associated figures	yes or no	√ 6		É			
tes	1. possible, just not implemented	d yet (available until is a far supe	rior option)					
	2. currently feedback not export	2. currently feedback not exported; but possible						
	3. Proctorio "Secure Exam Proct	or" must be activated in Canvas	Settings for the	course before uploading quiz				

- 4. cannot figure out if this is possible I would like to not have an automatic Question Bank populated
- 5. unavailable if "hide results" is populated
- 6. automatically specified in upload script
- 7. Respondus LockDown Browser can be set, but I don't know if it works because I've never used it

Features	Question tagging ¹	question tagging (multiple tags; add tag to single question; remove tag from single question; add tag to question set; remove tag from set
	chapter	
	checked flag (question is ok to publish)	
	exam flag	
	homework flag	
	in process flag (question is not finished)	
	modify flag (question needs to be changed)	
	point value for question	
	question type (see above)	
	question number	
	question source	
	quiz flag	
	topic	
	generate quiz from selected group	
	question select flag	
Notes	1. searches: "exam 1" finds a specific 'feature', a script cou	nything with "exam" or "1", if one wants an exact match you need to enter '==exam 1' — this is a Filemaker- lld be written to deal with this