Decode

Document with special tags

Component Storage

Find corresponding tags

Component Storage

Fetch result set

Generate a document with replaced special tags with result set

Decoded document

Decoded document, Special tags

Decoded document, Special tags, Result set

Special tags

Result set

Decode

Document with special tags

Find corresponding tags

Component Storage

Store data set

Generate a document with replaced special tags with result set

Data set

Decoded document and data set

Decoded document and data set, Special tags

Decoded document and data set, Special tags, result set

Data set

Generate an empty document

Document 1

Copy Document 1 to the new document

Copy Document 2 to the new document

Save the document.

Document 1, Document 2, New Document

Document 2, New Document

New Document

Document 2

Decode

Document with special tags

Component Storage

Find corresponding tags

Component Storage

Fetch question pool’s results

Generate a document with replaced special tags with question pool’s result sets

Decoded document

Decoded document, Special tags

Decoded document, Special tags, Question pool’s results

Special tags

Question pool’s results

Decode

Document with special tags

Component Storage

Find corresponding tags

Component Storage

Fetch question pool’s results

Result will store in temporary variables for further use

Decoded document

Decoded document, Special tags

Decoded document, Special tag, Question pool’s results

Special tags

Question pool’s results

Decode

Data set

Component Storage

Store data set

Shuffling the order of the options

Shuffling the order of the questions

Decoded data set

Decoded data set

Shuffled decoded data set

Decoded data set

Generate documents

Shuffling the order of the options

Temporary variables which have stored the results from previous function.

Shuffling the order of the questions

Generate documents

Temporary variables

Shuffled temporary variables