

What is claimed is:

[Claim 1] An information processing device comprising:

a detail level estimation unit that estimates a detail level of each of at least two documents, the detail level indicating degree to which a content of the document is detailed;

a similarity degree estimation unit that estimates a similarity degree between two of the at least two documents; and

a document relationship output unit that outputs a document relationship for the two of the at least two documents the similarity degree of which satisfies a predetermined condition, one of the two of the at least two documents being determined as a summarized document that shows a summary of other document of the two of the at least two documents and the detail level of the one of the two of the at least two documents being lower than the detail level of the other of the two of the at least two documents in the document relationship.

[Claim 2] The information processing device according to Claim 1,

wherein the detail level estimation unit estimates the detail level according to a proportion of a number of types of words that are included in the document with respect to a total number of the words that are included in the document.

[Claim 3] The information processing device according to Claim 1,

wherein the detail level estimation unit estimates the detail level according to a level of a hierarchical structure of words to which words that are included in the document correspond, the hierarchical structure in which higher-lower level relationship of words is predetermined.

[Claim 4] The information processing device according to any one of Claims 1 to 3,

wherein the similarity degree estimation unit estimates the similarity degree between the two of the at least two documents according to the similarity degree between the content of one of the two documents and the content of other of the two documents.

[Claim 5] The information processing device according to any one of Claims 1 to 3,

wherein the similarity degree estimation unit estimates the similarity degree between the two of the at least two documents according to a degree of match between words included in one of the two of the at least two documents and words included in other of the two of the at least two documents.

[Claim 6] The information processing device according to Claim 5,

wherein the similarity degree estimation unit estimates the similarity degree for all document pairs of the at least two documents, and

the document relationship output unit outputs a graph illustrating the document relationship in the at least two documents based on comparison of the detail levels of the documents that are included in the at least two documents and comparison of the similarity degrees of the document pairs of the at least two documents.

[Claim 7] An information processing program which causes a computer to function as:

a detail level estimation unit that estimates a detail level of each of at least two documents, the detail level indicating degree to which a content of the document is detailed;

a similarity degree estimation unit that estimates a similarity degree between two of the at least two documents; and

a document relationship output unit that outputs a document relationship for the two of the at least two documents the similarity degree of which satisfies a predetermined condition, one of the two of the at least two documents being determined as a summarized document that shows a summary of other document of the two of the at least two documents and the detail level of the one of the two of the at least two documents being lower than the detail level of the other of the two of the at least two documents in the document relationship.