

WHAT IS CLAIMED IS:

[Claim 1]

1. An information processing apparatus comprising:
extraction means for extracting features of a selected document from an inverted index in which documents and features of the documents are associated;
retrieval means for retrieving a document having any one of the features extracted by the extraction means by the inverted index;
selection means for selecting a feature of the features corresponding to a plurality of retrieval results by the retrieval means, the feature having a high effect of narrowing down the retrieval results; and
presentation means for presenting a combination of the features selected by the selection means, as a retrieval condition, wherein
the selection means selects, as the feature, a feature extracted from a document prepared by a user.

[Claim 2]

The information processing apparatus according to claim 1, wherein the presentation means presents the features in order of selection by the selection means.

[Claim 3]

The information processing apparatus according to claim 1 or 2, wherein the selection means selects a feature for which the number of documents retrieved by the retrieval means is the smallest, a feature for which a decrease amount of the number of documents is the largest or a feature of which an angle with a previously selected feature vector conforms to a predetermined condition.

[Claim 4]

The information processing apparatus according to any one of claims 1 to 3, wherein the extraction means extracts negation of a feature of the selected document from the inverted index.

[Claim 5]

The information processing apparatus according to any one of claims 1, 3, and 4, wherein the presentation means presents a result of retrieval performed using a combination of the features selected by the selection means as a retrieval condition.

[Claim 6]

An information processing program for enabling a computer to function as:
extraction means for extracting features of a selected document from an inverted index in which documents and features of the documents are associated;

retrieval means for retrieving a document having any one of the features extracted by the extraction means by the inverted index;

selection means for selecting a feature of the features corresponding to a plurality of retrieval results by the retrieval means, the feature having a high effect of narrowing down the retrieval results; and

presentation means for presenting a combination of the features selected by the selection means, as a retrieval condition, wherein

the selection means selects, as the feature, a feature extracted from a document prepared by a user.