

Information retrieval (IR) in [computing](#) and [information science](#) is the process of obtaining [information system](#) resources that are relevant to an information need from a collection of those resources. Searches can be based on [full-text](#) or other content-based indexing. Information retrieval is the science of searching for information in a document, searching for documents themselves, and also searching for the [metadata](#) that describes data, and for [databases](#) of texts, images or sounds.