



## How a Graph model can help reaching more relevant nodes in a multimodal collection

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**Abstract:** Nowadays, we have a large number of information sources from different modalities---text, images, audio, video and more. However, information objects are not isolated anymore. They are frequently connected via metadata, semantic links, etc. This leads to various challenges in graph-based Information Retrieval (IR). This talk is concerned with how much such a graph model helps reaching relevant information objects, especially from different modalities. A framework is presented in which different features and relations between information objects are experimented to improve recall. I will present this model, briefly describe some of the experiments, and present its applications in real world challenges.

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