



Introduction
♦ Standard IR
In standard IR, documents are considered as <i>atomic</i> information units whatever their type or size As a consequence they are:
Indexed as a whole
 Indexes do not express the internal organisation of the discourse set by the author(s)
Retrieved as a whole
→ Users cannot retrieve independant components of documents that might be more adapted (more focused) to their information needs
➡ Questions :
What is the impact of « structure » on information retrieval?
 If any, then what kinds of approaches to improve retrieval performances?
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The Impact of Structure - Information needs	
Information needs often involve structure	
 Variety of users' information requirements 	
On top of classical content-based requirements, information needs often include requirements about :	
 Attributes ex. <u>Novels written by</u> Hemingway 	
involved structural information : attributes type of doc, author	
» links ex. A biography of Hemingway <u>illustrated by portraits</u> of the novelist.	
involved structural information :	
- type of doc (text, image) - component link between document and image	
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