Black hole  
   
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A black hole is an astronomical body so dense that its gravity prevents anything from escaping, even  
light. Albert Einstein's theory of general relativity predicts that a sufficiently compact mass will form a  
black hole. The boundary of no escape is called the event horizon. In general relativity, a black hole's  
event horizon seals an object's fate but produces no locally detectable change when crossed. In many  
ways, a black hole acts like an ideal black body, as it refle

## Wikipedia Excerpt: Document classification

Document classification or document categorization is a problem in library science, information science and computer science. The task is to assign a document to one or more classes or categories. This may be done "manually" (or "intellectually") or algorithmically. The intellectual classification of documents has mostly been the province of library science, while the algorithmic classification of documents is mainly in information science and computer science. The problems are overlapping, however, and there is therefore interdisciplinary research on document classification.  
The documents to be classified may be texts, images, music, etc. Each kind of document possesses its special classification problems. When not otherwise specified, text classification is implied.  
Documents may be classified according to their subjects or according to other attributes (such as document type, author, printing year etc.). In the rest of this article only subject classification is considered. There ar