**Introduction**

This poster presents concepts to support authors illustrating their texts. We introduce a system which smoothly integrates the search and adaptation of appropriate illustrations into target documents. It enables the author to search for images and 3D models. To effectively support the context of the document, the view and label layout of the retrieved 3D models can be semi-automatically adjusted. Further on, we explicitly store the label layout in conjunction with the adapted illustrations. From the retrieval set, the viewing direction and rendering style for 3D models can be adjusted according to the contextual requirements.

**SearchIllustrator**

Due to the availability of comprehensive multimedia databases and content-based retrieval techniques, the text illustration process has shifted from content creation to search with respect to communicative goals. The strategies of experienced practitioners have been described by a journalist M. Markkula. This paper adopts the strategy of the content-search (3D models and images) for generating illustrations and supports the adaptation of retrieval results. Therefore, it incorporates multimedia retrieval techniques, interactive illustration techniques for digital documents, and annotation layout algorithms for 2D and 3D objects.

**Illustration Authoring**

Our approach extends the SearchIllustrator that employs information retrieval techniques on multimedia databases or WWW to interactively illustrate texts. Therefore, keywords from user-selected text segments are used to search for static images and 3D models. From the retrieval set, the view and rendering style for 3D models can be adjusted according to the contextual requirements.

**Key Features**

1. Supportive, integrated text illustration
2. Text authoring tool to aid search / retrieval of illustrations
3. Direct insertion of images and 3D models into paragraphs
4. View adjustment as well as textual annotation of 3D models
5. Annotated images support future retrieval of the illustrations, since the annotations can provide semantic, pragmatic and functional descriptions of the image.

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