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SEMINARIO

DISCIPLINE UMANISTICHE  
E INFORMATICA

IL PROBLEMA DELL'INTEGRAZIONE

(Roma, 8 ottobre 1991)

a cura di Tito Orlandi



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### 2.2.3.2 Import/Export

The text engine shall provide tools to import and export strings. This means, it shall be able to convert its own internal representation of an information string into a form that clearly distinguishes between different classes of items, specifically between byte coded and bit mapped ones, so software components, which do not have the ability to handle both, can extract those portions of a text, which they can handle. This export format, which is described as *external text format* has to be transferable on standard communication links.

### 2.2.3.3 Comparison and Sorting

The text engine shall have as part of its interface functions which are able to compare and sort sets of information strings, fully controlled by an interpretative environment as described above.

### 2.2.3.4 Searching

The text engine shall be able to use any informations string, which specifically includes such as contain bit mapped items, as a search key in the administration of large string collections, like dictionaries.

### 2.2.3.5 I/O

The text engine shall be able to convert its internal representation into a form which represents its various classes of items also on output devices, which do not provide means for the most obvious kind of presentation. It also shall contain parsing functions, which convert formats provided by input devices or software supporting sophisticated forms of input into a common internal presentation.

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