Title (en)
METHODS FOR RENDERING DATA AND DATA STRUCTURES

Title (de)
VERFAHREN ZUR WIEDERGABE VON DATEN UND DATENSTRUKTUREN

Title (fr)
PROCEDES DE RENDU DE DONNEES ET STRUCTURES DE DONNEES

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Application
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Abstract (en)
[origin: WO0190918A2] Methods are provided for rendering tabular data to a variety of media. A table is received having one or more cells where each cell may span one or more columns and one or more rows. The table is represented as a grid where the grid houses the cells. Moreover, a generic table is provided and represented by one or more formatting commands, which are operable to provide a rendering of the grid to an output media. Methods are provided for rendering footnotes to a variety of media. Footnote citations and non footnote data are received and inserted into a unit of media at a beginning location within the unit of media. If a footnote citation is detected, insertion into the unit of media is interrupted and the area associated with receiving the non footnote data and the footnote citation is inverted within the unit of media such that the footnote bodies are received and inserted into the unit of media at the beginning location. After insertion of the footnote bodies is complete, the area associated with receiving the non footnote data and the footnotes citation is restored such that the non footnote data and the footnote citation are located at the beginning location within the unit of media. Methods and a system are provided to receive electronic data in their native format and to deliver automatically revised electronic data in a new format and new layout. The received data are decomposed into their constituent parts including text and floating objects, geometric rectangles are generated to house the objects where like object rectangles are linked together creating a path for object insertion onto the rendered page.

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