

USER-FACING SPREADSHEET PROGRAMMING LANGUAGE

ABSTRACT

[0075] Spreadsheets and methods for programming spreadsheets are provided. In accordance with one aspect. The spreadsheet includes a plurality of cells arranged in a two-dimensional array. One or more of the plurality of cells include a plurality of adjoining variable value cells for data corresponding to a plurality of values of a variable. The plurality of adjoining variable value cells are user defined by a pair of cell values indicating a start and an end of a cell range of the plurality of adjoining variable value cells. The plurality of cells also include a spill area into which data can flow from a cell having an expression defined therein in response to the expression including a variable range defined by the plurality of values of the variable. The spill area is automatically sized to a plurality of expression solutions corresponding to the plurality of values of the variable.

FIG. 1