ABSTRACT

INFORMATICS SYSTEM WEAVES

The invention is a method of visually representing the relationships between data and actions, including a time dimension where this is required. It does this through the representation of items of data as "ribbons" which are "woven" in a pattern appropriate to the subject, and by using different visual arrangement for the intersections between these ribbons in order to convey different meanings. These arrangements include straight forward under-and-over intersections, but also use the metaphor of one or two longitudinal slits in one ribbon through which the other ribbon is threaded. The use of intersections with differing symbolic significance makes it possible to represent in two dimensional form a level of complexity which would otherwise require three dimension to be visualised. This form of weave diagram is particularly useful for data handling and data mining applications on computers and can be used as the basis for a graphical user interface.

Figure 1 of the Drawings is to accompany the Abstract when published.

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