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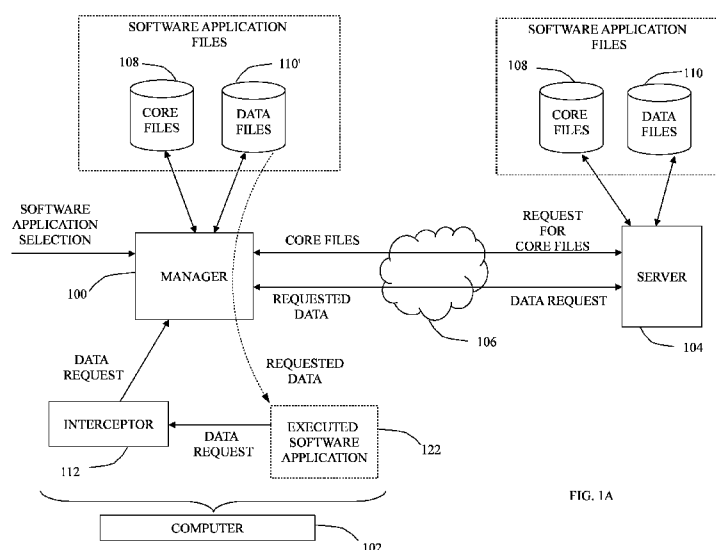


FIG. 1A

(57) Abstract: Providing data to a computer software application by intercepting a request made by a computer software application to retrieve a first data set from a first data storage location, accessing a record, defined in advance of the request, that includes a reference to the first data set and a reference to a second data set, retrieving the first data set from a data storage location other than the first data storage location, and retrieving the second data set from a data storage location other than the first data storage location in advance of a request by the computer software application to access the second data set at the first data storage location.