ABSTRACT OF THE DISCLOSURE

Strategy for Dynamically Modeling ASN.1 Data to An Object Model

A method, program and system for mapping ASN.1 data to an object model are provided. The invention consists of identifying the start of a data stream (step 501) and then generating a new object name for the data (step 502). Next, the data is parsed to get get the identifier (step 503) and the data length (step 504). Then the data's tag type is analyzed (step 505). If the tag type is simple, a class diagram is generated for the data (step 507) and then the source code for the data is generated (step 508). If the tag type is not simple, a subroutine is called to further parse the data (step 506) before generating the class diagram (step 507) and source code (step 508).

FIG. 5