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

ABSTRACT

A method, program and system for mapping ASN.1 data to an object model are provided. The start of a data stream is identified (step 501) and then a new object name for the data is generated (step 502). Next, the data is parsed to get the identifier (step 503) and the data length (step 504). Then the data's tap 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 may be called to further parse the data (step 506) before generating the class diagram (step 507) and source code (step 508).

FIG. 5



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