Abstract

Described is a mechanism for allowing new functionality for an object to be expressed as a property that is not built into the class from which the object derives. More specifically, the mechanism associates properties in one class with another class. A computer-readable medium, that includes an object having a property in a first set of properties, further includes a data structure. The data structure includes definitions for each of a second set of properties and includes at least one static method. The static method is associated with one property out of the second set of properties and includes a first parameter. The first parameter uniquely identifies the one property. The static method is operative to associate the one property with the object without specifying an explicit reference to the one property in the object. The property is registered during run-time in order to receive the unique identifier.

Figure 3



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