SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR ADDING OBJECT SERVICES TO A BINARY CLASS IN AN OBJECT ORIENTED SYSTEM

ABSTRACT

A system, method and article of manufacture for automatically inserting object services such as persistence, concurrency, recoverability, security and distribution into binary classes in an information handling system (10) employing object oriented technology, includes the steps of registering a description of a class in a name service context, searching the name service context for a class object referred to as a factory with desired constraints on properties, whether the object is operable in a predetermined operational environment, where the search excludes object services constraints, for classes which are found by the search, first select those classes which already support the object services constraints, create in the operational environment a class object with the desired object services features, and adding a particular object services feature if the original class provide the desired feature, and returning the class object to the caller which can then use the class object to create multiple instances.

FIG. 3