



## **Consortium for Business Object Promotion**

### **Pattern Modeler**

#### Pattern Modeler

“*Pattern Modeler*” is an OMG MDA™-based UML™ tool to support pattern based modeling, providing both capabilities for the development domain object models using BFOP and the development of original patterns in a particular domain. These tools were materialized as an extension of the *Pattern Weaver* provided by Foundata, Inc. through its plug-in feature.

#### BFOP (Business Function Object Pattern)

CBOP has been promoting the standardization of BFOP, which is a set of normative hierarchical patterns for domain object modeling. BFOP makes it easier to define a hierarchically more specific complicate pattern that may be composed with basic and generic normative patterns.

The BFOP is following the Catalysis approach proposed by D'Souza and Wills. At the moment, reusable patterns for business domains, such as, sales management, inventory control, procurement, are being collected in a BFOP library of CBOP.

#### BO Model (Business Object Model)

It became available by the *Pattern Modeler* to choose appropriate patterns on the library and assemble them to build a particular BO model while accumulating the efforts on various business object modeling for reuse.

### **About CBOP (Consortium for Business Object Promotion)**

URL: <http://www.cbop.gr.jp> is a consortium in Japan, promoting the reuse and the sharing of business domain models and software components. The submission of the pattern

mechanism to the UML profile for EDOC RFP was based on the CBOP standards that are focused on the normalization of business object patterns for modeling. Current work of CBOP is, *inter alia*, concerned with the development of UML tools that enable the application of patterns in object modeling with UML. The EDOC standard will be taken in to account in these tools as well as the CBOP standards.