

Advanced Object-Oriented Design Principles & Patterns (2020)

Assessment II

By William Vida

Alpha

This class remains but it has been broken up into classes with similar methods.

Gamma

This class remains the same.

Delta

The Delta class has been removed and broken up into classes with similar methods. This is like the fate of the class Alpha, although the latter remains.

Lambda

The classes Beta, Epsilon and Zeta have been combined into one class Lambda to simplify the program. It contains three methods Beta, Epsilon and Zeta. All the methods are overridden. This class implements the interface Mu to help achieve abstraction.

Mu

This interface is implemented by the class Lambda and contains three methods.

Omega

The methods that originally contained a has method have all been moved into the class Omega. The has methods have been changed from four to two, a Lambda and a Gamma.

Omicron

The iterator methods have all been combined into this class. They have been simplified from four to two, a Lambda iterator and a Gamma iterator.

Sigma

The add and remove methods from the classes Alpha and Delta have been placed here. The methods are used to add either Lambda or Gamma to a collection or remove one from it.

Status

The enumerator Status remains unchanged.