Definition

Decouple an abstraction from its implementation so that the two can vary independently.

Dictionary meaning of Decouple: Separate, disengage, or dissociate (something) from something else.

Participants

    The classes and objects participating in this pattern are:

* **Abstraction**  **(BusinessObject)**
  + defines the abstraction's interface.
  + maintains a reference to an object of type Implementor.
* **RefinedAbstraction**  **(CustomersBusinessObject)**
  + extends the interface defined by Abstraction.
* **Implementor**  **(DataObject)**
  + defines the interface for implementation classes. This interface doesn't have to correspond exactly to Abstraction's interface; in fact the two interfaces can be quite different. Typically the Implementation interface provides only primitive operations, and Abstraction defines higher-level operations based on these primitives.
* **ConcreteImplementor**  **(CustomersDataObject)**
  + implements the Implementor interface and defines its concrete implementation.

Real-world code in C#

This real-world code demonstrates the Bridge pattern in which a BusinessObject abstraction is decoupled from the implementation in DataObject. The DataObject implementations can evolve dynamically without changing any clients.