1. If the B class is renamed, A M1() method is affected
2. If the B class is made abstract, and then derived into other child classes, A M1() method is affected
3. If the D class ctor is throwing exception then A class ctor will be in trouble also

DI: a. constructor b. property based 3. Method based 4. Service based

Dependency Resolver

IBase 🡪dependency factor

A🡪dependent object

Loosely coupled-better coherence

A

IBase obj;

A(){

Obj= Factory.create();

}

M1(){

Obj.M();

}

Dependency Injection

Inversion of Control

Container

Factory

Static C Create(){

IBase obj = new D();

Return obj;

}

D

D(){}

M(){}

IBase

M();