Singleton Design Pattern

Design pattern that restricts

instantiation of a class

to on "Single" object.

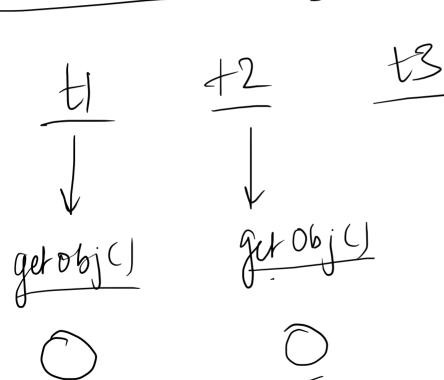
* Instance is requested, not created.

CRUD (Creak, Read, Updak, Delite)

The instance will remain same throughout the lifetime of application -> Only one object allowed to be crafted

(1) construction should be private (2) Object created by method

Multithreading



Synchronization_) for multithreading only one thread at a time 1) method synchronized

2) Specific block synchronized

Design Principles

CUPID Principles

- Composable - Unix philosophy predictable Idiomatic Domain-based Composable
 → plays well with others
 → easy to use, reuse

2 Unix philosophy Joes one thing well

-, do one thing, and do it well

3) Predictable

-> does what you expect

-> behaves as expected

(4) Idiomatic

- feels natural

-> pe wrik code for humans -> code that humans can understand

-> Writing code for someone else

hospital (5) Domain based we write software to meet patient-history certain needs appointments > specific to a domain medidams > "using the right words" Bankhamfer Interest

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