Model Main

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Bumblebee

Dragonfly

FloweringTree

-name: String
-blossoming: boolean
-reports: ArrayList-BloomReport-

+hasRefToReport(BloomReport): boolean
+numReports(): int
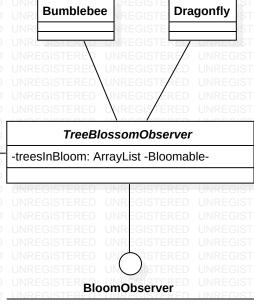
TreeBlossomReport

-observers: ArrayList -BloomObserver-
-floweringTreeList: ArrayList -Bloomable-

+isSubscriber(BloomObserver): boolean
+inFloweringTreeList(FloweringTree): boolean

TreeBlossomObserver

-treesInBloom: ArrayList -Bloomable-

Bloomable

+addReport(BloomReport): void
+removeReport(BloomReport): void
+getName(): String
+getBloomState(): boolean
+setBloomState(boolean): void

BloomReport

+addReportItems(Bloomable..): void
+removeReportItem(Bloomable): void
+addSubscriber(BloomObserver): void
+removeSubscriber(BloomObserver): void
+notifySubscribers(): void

BloomObserver

+update(ArrayList-Bloomable-): void
+subscribe(BloomReport): void
+unsubscribe(BloomReport): void
+getTreesInBloom(): ArrayList -Bloomable-