Contents

1 crosscutting concerns

1.1 what is it

1.2 options to deal with it

- TemplateMetaprogramming, augmented with PolicyObjects (such as StandardTemplateLibrary allocators)
- MetaObjectProtocols, in particular things like before functions, after functions, etc.
- Decorators (both DecoratorPattern and the language feature in Java), delegation in general.
- TemplateMethodPattern (i.e. use of HookMethods)

- RPC tools
- Many of the CreationalPatterns can be used to allow variation of some cross-cutting concern at runtime.
- MultipleInheritance and MixIns
- ContextObject or ExplicitManagementOfImplicitContext
- A programming paradigm dealing with this stuff is AspectOriented-Programming.

bad example of dealing:

- GrandCentralStation (aggregating lots of independent domain functionality into a BigBallOfMud just so the CrossCuttingConcern(s) can be dealt with in one place).