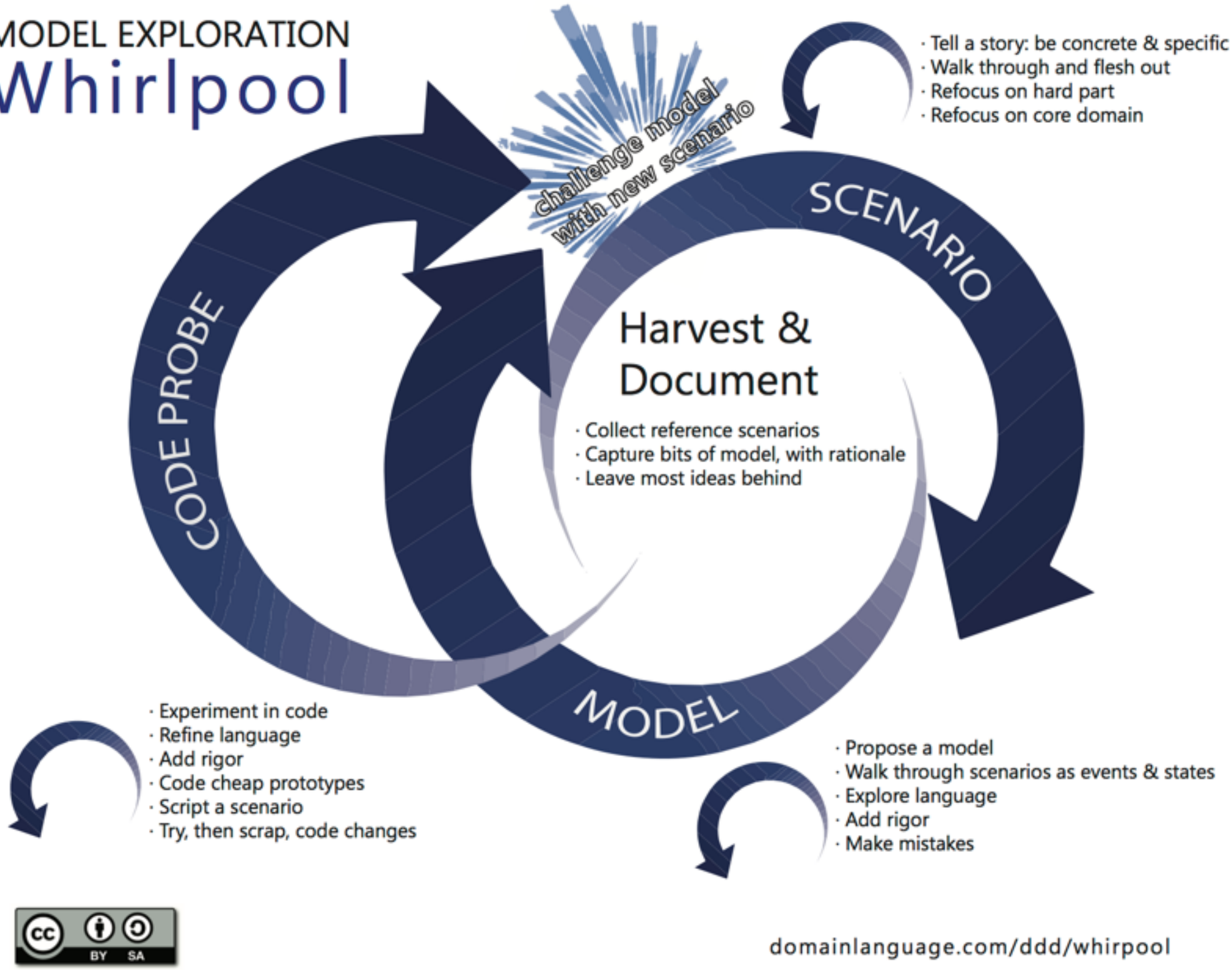
MODEL EXPLORATION

Whirlpool

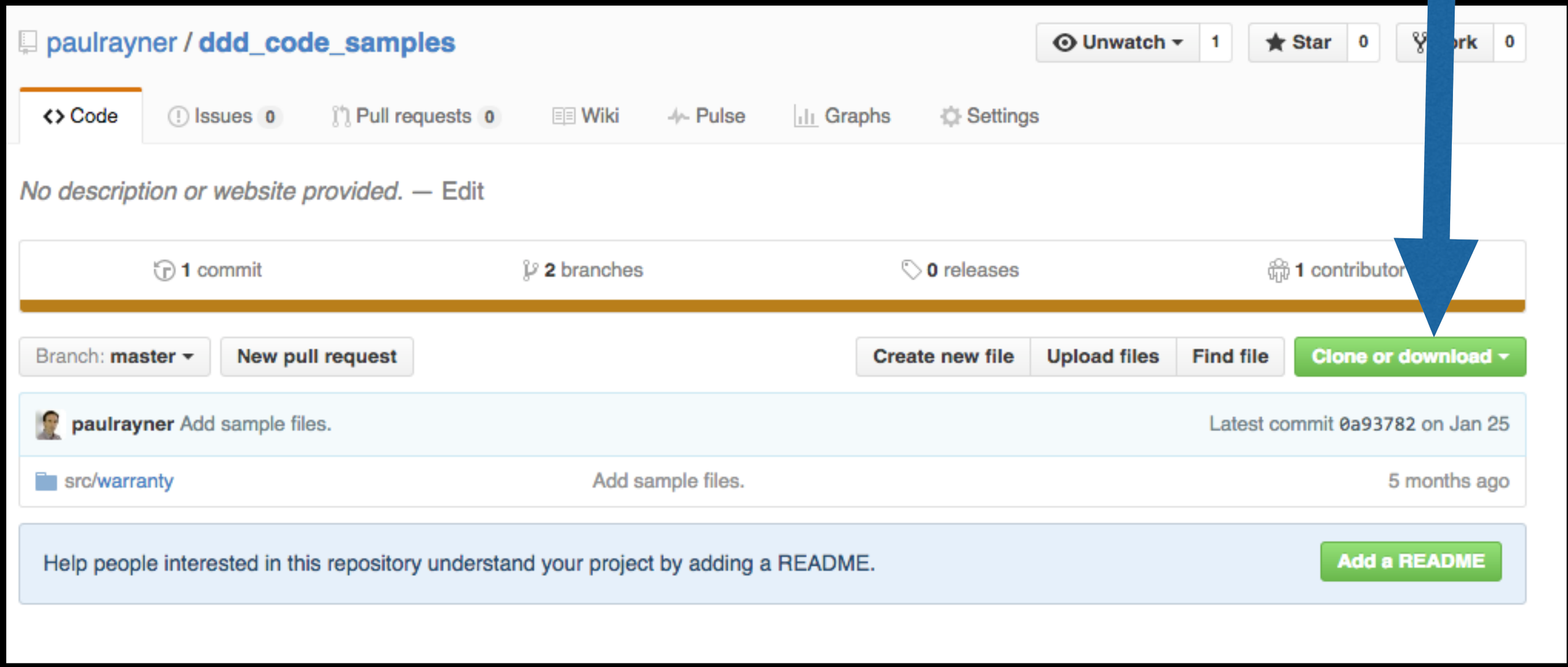


domainlanguage.com/ddd/whirpool

http://bit.ly/ddd_whirlpool

http://bit.ly/ddd_code

Do this



Limit of Liability

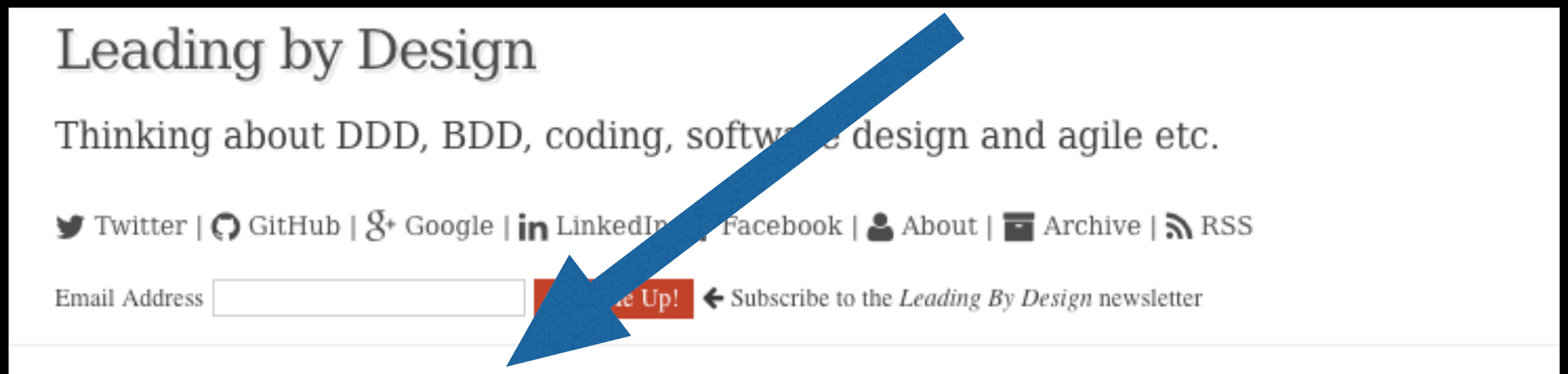
- Look at new limitOfLiability() method in Contract
- How has adding a limitOfLiability() method improved the maintainability and readability of the code?
- What is the connection between adding this method and growing our ubiquitous language? How has this improved our domain model?
- How did we separate the concept of Limit of Liability from the Contract lifecycle?

Terms and Conditions

- What behavior does TermsAndConditions have?
- What things did we need to do to make TermsAndConditions a value object? How does the unit test for TermsAndConditions show this?
- How has making TermsAndConditions a value object improve testability? encapsulation? thread safety? code maintenance?
- What does the annuallyExtended() method do, and how is it used by the Contract entity?
- How does adding this new value object focus the Contract entity more tightly on identity and lifecycle?

http://bit.ly/ddd_vo

Read *“Why Value Objects”*, &
“Value Objects and Immutability"



Why Value Objects?

Jan 20, 2015 DDD |

Value objects are a key building block pattern in domain-driven design (DDD). Here are some of the reasons why. They…

- Give rich, expressive names to key concepts in our model
- Increase the conceptual cohesiveness of objects, readability of our code and the overall suppleness of our design
- Making value objects immutable reduces incidence of bugs, improves thread

http://bit.ly/ddd_vo

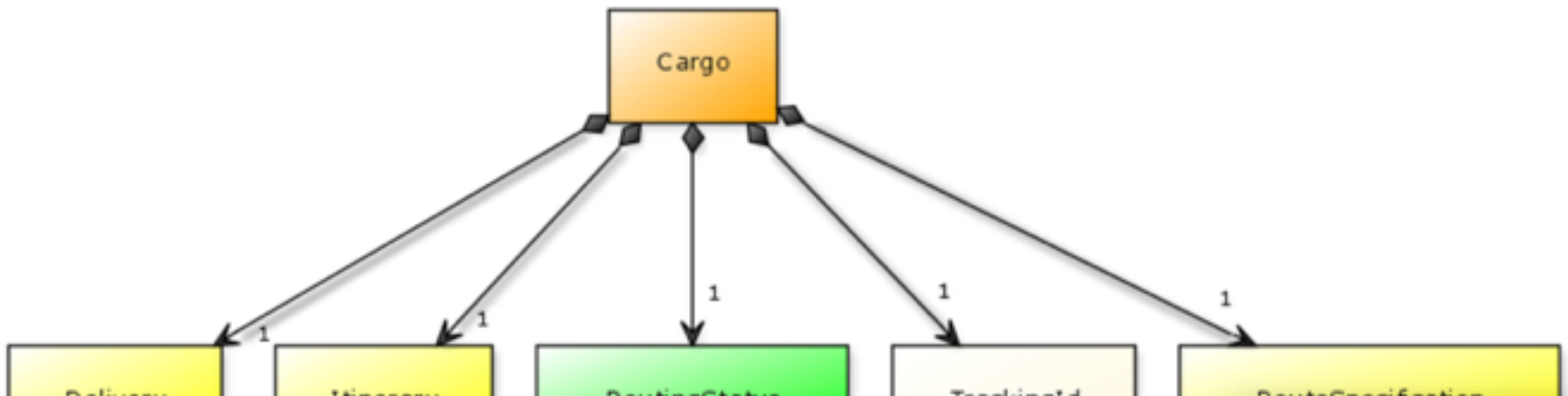
Read this post
on persistence (3rd in the series)

Persisting Value Objects

Jan 22, 2015 DDD |

It can be challenging sometimes to know how best to persist value objects to a data store, especially if you are using a RDBMS. There are a variety of options to choose from, however, depending on your needs and constraints.

Examples below are based on my Ruby port of the DDD sample app. Here is a class diagram showing the `Cargo` aggregrate, which consists of the `Cargo` entity (as the aggregate root) and a number of value objects, such as `Itinerary` and `RouteSpecification` that are also part of the `Cargo` aggregate. This is based on examples given in Eric Evans's Domain-Driven Design book.



Domain-Driven Design Reference

Definitions and Pattern Summaries

Eric Evans

Domain Language, Inc.

http://bit.ly/ddd_ref

For your strategic pattern, prepare a 3-min presentation on a flip-chart summarizing its *key details*, and *pros & cons*. Give a concrete example.
WRITE THE NAME OF YOUR PATTERN AT THE TOP OF YOUR FLIPCHART SHEET

1. Conformist
2. Partnership
3. Anti-Corruption Layer (ACL)
4. Shared Kernel
5. Big Ball of Mud
6. Open Host Service
7. Published Language
8. Customer/Supplier

http://bit.ly/ddd_ref

http://bit.ly/ddd20170216

Fill out this class survey