OpenPonk

Formerly *DynaCASE*

The Open Modelling Platform

http://openponk.github.io

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- What is OpenPonk?
- Conceptual Modelling
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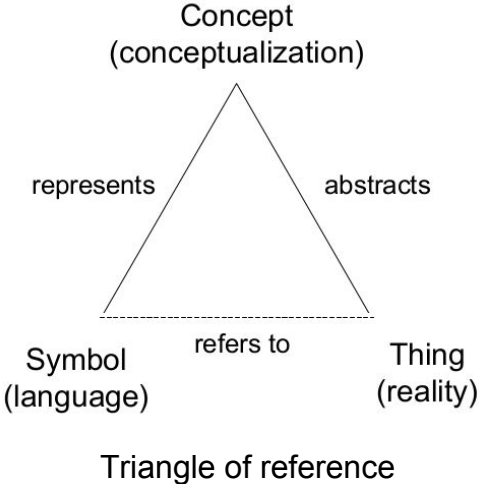# What is OpenPonk (formerly DynaCASE)?

Ponk =

1. Immature sorghum grains (Wikipedia)
2. A Jewish/Brooklyn/New York slang for Marijuana and the illegal usage of this substance (Urban Dictionary)
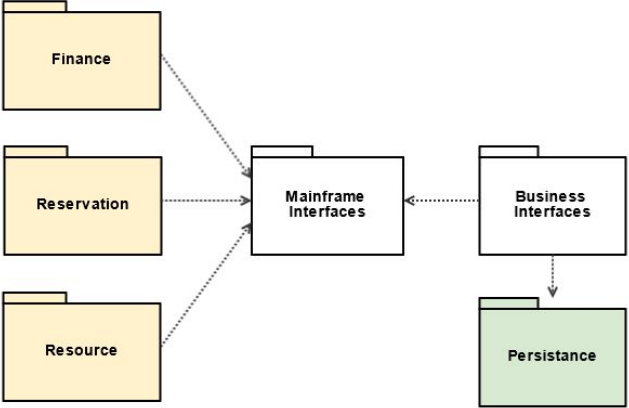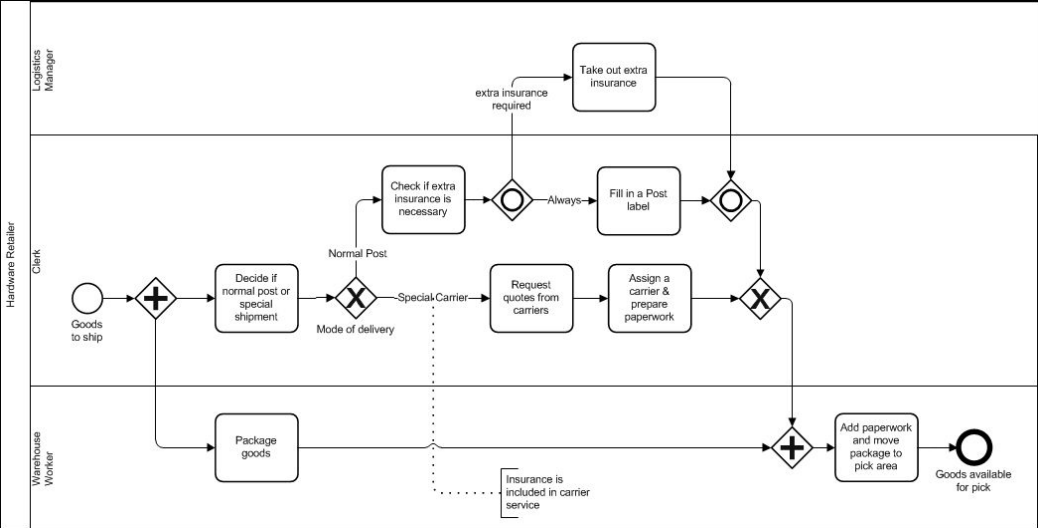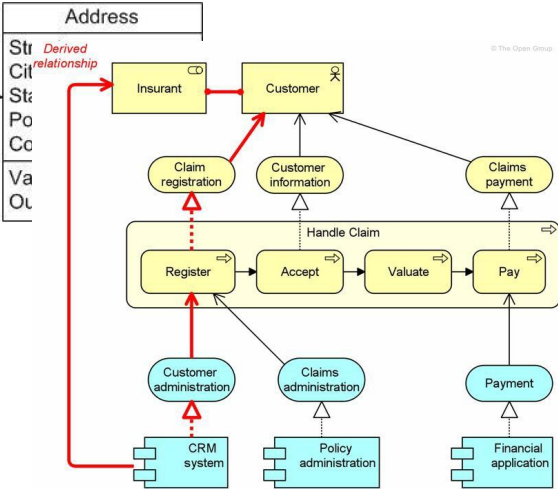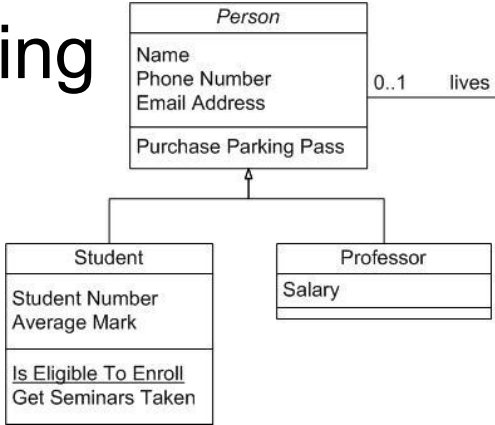3. …

What is OpenPonk?

Conceptual Modelling

Concept
(conceptualization)

represents   abstracts

refers to

Symbol   Thing
(language)   (reality)

Triangle of reference

C. K. Ogden and I. A. Richards
(1923) The Meaning of Meaning

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Conceptual Modelling

Writer — **Creates**

Consumer — **Novel**

Buys

Person
Name
Phone Number
Email Address

Purchase Parking Pass

0..1 — lives at — 1

Address
Str
Cit
Sta
Po
Co

Va
Ou

Derived relationship

Student
Student Number
Average Mark

Is Eligible To Enroll
Get Seminars Taken

Professor
Salary

Insurant — Customer

Claim registration — Customer information — Claims payment

Handle Claim
Register — Accept — Valuate — Pay

Customer administration — Claims administration — Payment

CRM system — Policy administration — Financial application

© The Open Group

BPMN diagram (Hardware Retailer)

Logistics Manager:
Take out extra insurance
extra insurance required

Clerk:
Goods to ship
Decide if normal post or special shipment
Mode of delivery
Normal Post
Check if extra insurance is necessary
Always
Fill in a Post label
Special Carrier
Request quotes from carriers
Assign a carrier & prepare paperwork

Warehouse Worker:
Package goods
Insurance is included in carrier service
Add paperwork and move package to pick area
Goods available for pick

Package diagram
Finance
Reservation
Resource
Mainframe Interfaces
Business Interfaces
Persistance

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- What is OpenPonk?
- Conceptual Modelling
- Possibilities of OpenPonk
  - Diagramming … done right!
  - Live modelling
  - Let us be more visual: simulations
  - Text needed: bi-directional DSLs
  - **Strive for quality: validations**
  - Open … really open

Contents

Want to know more?

Thursday 14:30: DynaCASE modeling platform