

Code Retreat @ Agile 2010

Code Retreat: what is it?

- Craftsmen gathering to practice skills
 - Pairing
 - TDD / BDD / Clean Code
 - Courage / Communication
- Languages:
Java, Ruby, C#, JavaScript, etc
- Conway's Game of Life:
lather, rinse, repeat
- Credits:
 - Corey Haines
 - Nayan Hajratwala
 - Patrick Wilson-Welsh

Code Retreat: 2010 past

- Feb 6: Grand Rapids, MI
Atomic Object
- Feb 6: Seattle, WA
Blue Box Group
- Feb 13: Bucharest, Romania
- Mar 6: Segovia, Spain
Castesoft
- Mar 13: Milton Keynes, UK
Bletchley Park, RiverGlide, Eden Development
- Apr 3: Pittsburgh, PA
Vivisimo, Pittsburgh Ruby Brigade
- Apr 10: Philadelphia, PA
Invite Media, Chariot Solutions
- Apr 24: Floyd, VA
- May 22: Boulder, CO
Rally Software, LeanDog
- May 29: Gothenburg, Sweden
- Jul 10: Pittsburgh, PA
Matrix Solutions
- Jul 17: Costa Rica
Pernix Solutions

Code Retreat: 2010 future

- Aug 14: Orlando, FL
- Sep 18: St. Louis, MO (EventBrite: coderetreatstl.eventbrite.com)
- Sep 18: Soho, New York City, NY
- Nov 6: Brussels, Belgium
- Dec 4: Melbourne, Australia
- Dec 11: Brisbane, Australia

coderetreat.com

coderetreat.ning.com/events

#coderetreat

Code Retreat: the schedule

- Iteration 1 (30 min)
- Switch pairs (5 min)
- Iteration 2 (30 min)
- Retrospective (10 min)

Code Retreat: Conway's Game of Life

- **The Rules:**

- Any **live cell** with fewer than two live **neighbours** dies, as if caused by **under-population**.
- Any **live cell** with more than three live **neighbours** dies, as if by **overcrowding**.
- Any **live cell** with two or three live **neighbours** lives on to the **next generation**.
- Any **dead cell** with exactly three live **neighbours** becomes a live cell, as if by **reproduction**.
- The first generation is created by applying the above rules simultaneously to every **cell** in the seed—**births** and **deaths** occur simultaneously, and the discrete moment at which this happens is sometimes called a **tick** (in other words, each generation is a pure function of the preceding one). The rules continue to be applied repeatedly to create further generations.
- Source: http://en.wikipedia.org/wiki/Conway's_Game_of_Life

Code Retreat: experiments

- Top-down
- Bottom-up
- TDD “like you mean it”
- No if’s
- Lines / method ≤ 2
- No looping
- Coding East
- Other...

Code Retreat: running your own

- Find some sponsors:

- for a place
- for some breakfast
- for some lunch

- Pick full weekend day

- Pick a date

- Pick a language
(or not)

- Advertise

- TDD

- Promiscuous Pairing

- 45 minute iterations

- Retrospectives

- Delete & repeat

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- Agile developer / tester / coach

