At the Extremities of Extreme

Julian Fitzell

SPA 2011
June 13, 2011

Image © Christopher Michot

Cincom

col·lab·o·ra·tion /kəˌlabəˈrāSHən/

n. The act of working with others to create or achieve something.

<PALS FOR LIFE>
Maditoker
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<AFK>Leeroy
<PALS FOR LIFE>

twitter Search Home Profile Messages Who To Follow

What's happening?

Timeline @Mentions Retweets Searches Lists

KentBeck Kent Beck
i just learned that it's very helpful to translate "oh, shit" into "remember to breathe"
2 minutes ago

SeanTAllen Sean T Allen
there are a few famous programming lecturers out there who invoke that 'want to ignore' feeling in me.
4 minutes ago

SeanTAllen Sean T Allen
i have a somewhat irrational desire to ignore even the smart things people say when they sound pedantic.
5 minutes ago

chadfowler Chad Fowler
Emergency help needed for a music sound person to hire in Edinburgh Saturday for an acoustic/electric live performance. /cc @alancfrancis
5 minutes ago

Your Tweets 0

Following 163

Favorites 5

timoreilly RT @oreillymedia #Ebook Deal of the Day: Designing Social Interfaces …

Trends

Worldwide · change

#MM2011 Finals Promoted

#whycantyoujust

#sincewebeinghonest

#ilovewhen

Tupac Back

Kitty Purry

Skylar Diggins

TTWE

Chipmunk

ARod

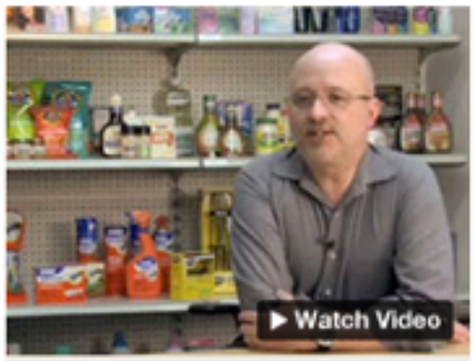
Projects Manage Themselves with Basecamp.

Millions of people use Basecamp, the leading online project collaboration tool.

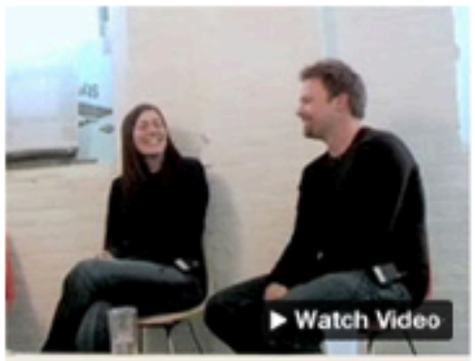
See Plans and Pricing

30-day free trial. Sign up in 60 seconds.
Or, take a quick tour.

Basecamp is the top choice for entrepreneurs, freelancers, small businesses, and groups inside big organizations.



R.BIRD
Brand design firm



Elsewares
Independent art retailer

Atelier
High-end wedding planner

Over **5 million people** worldwide have used Basecamp to collaborate on over **4 million projects**, track **57 million hours** of work, share **46 million files**, and complete **43 million to-dos**.

<PALS FOR LIFE>
<AEB>Leeroy
<PALS FOR LIFE>
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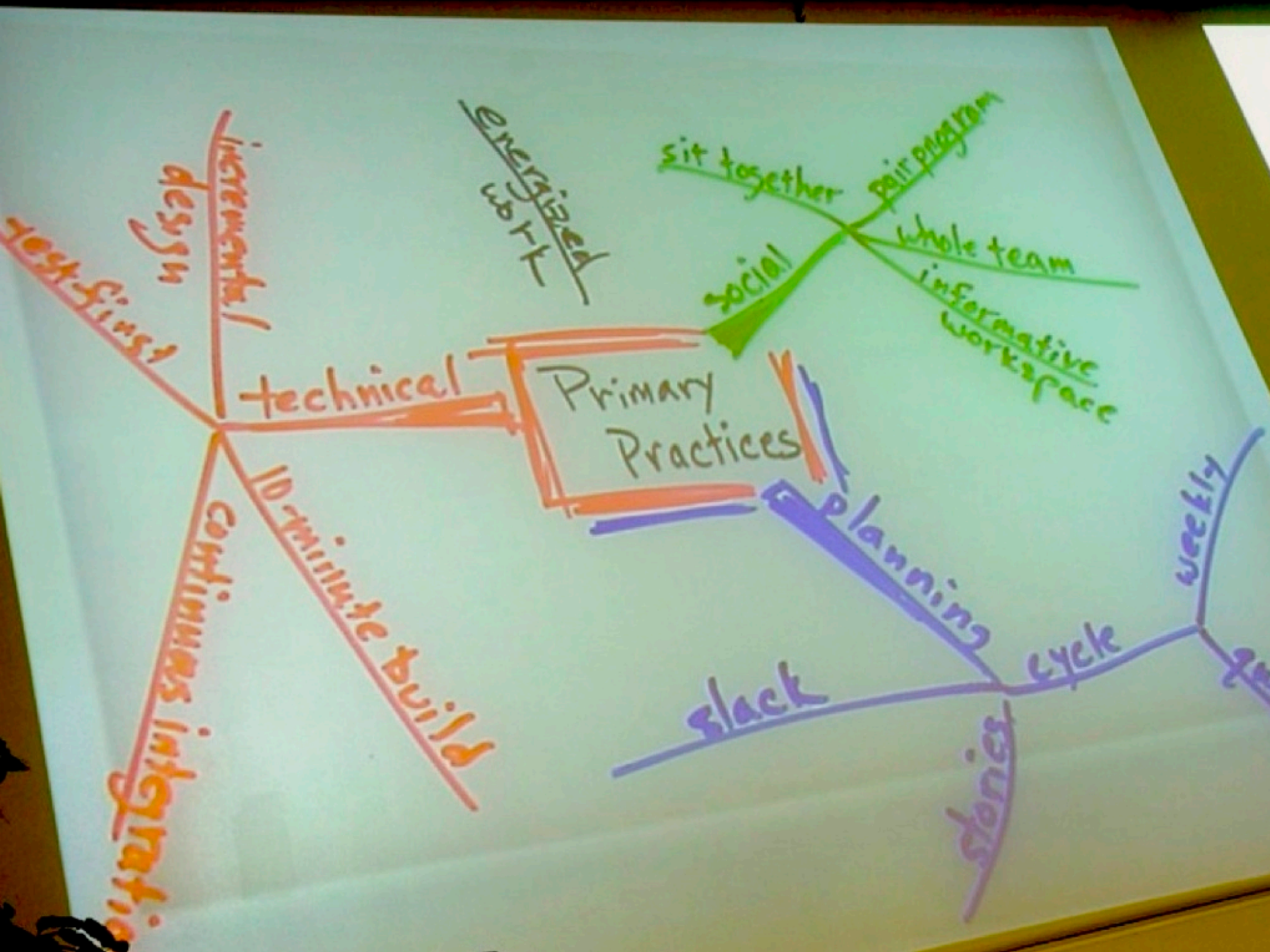
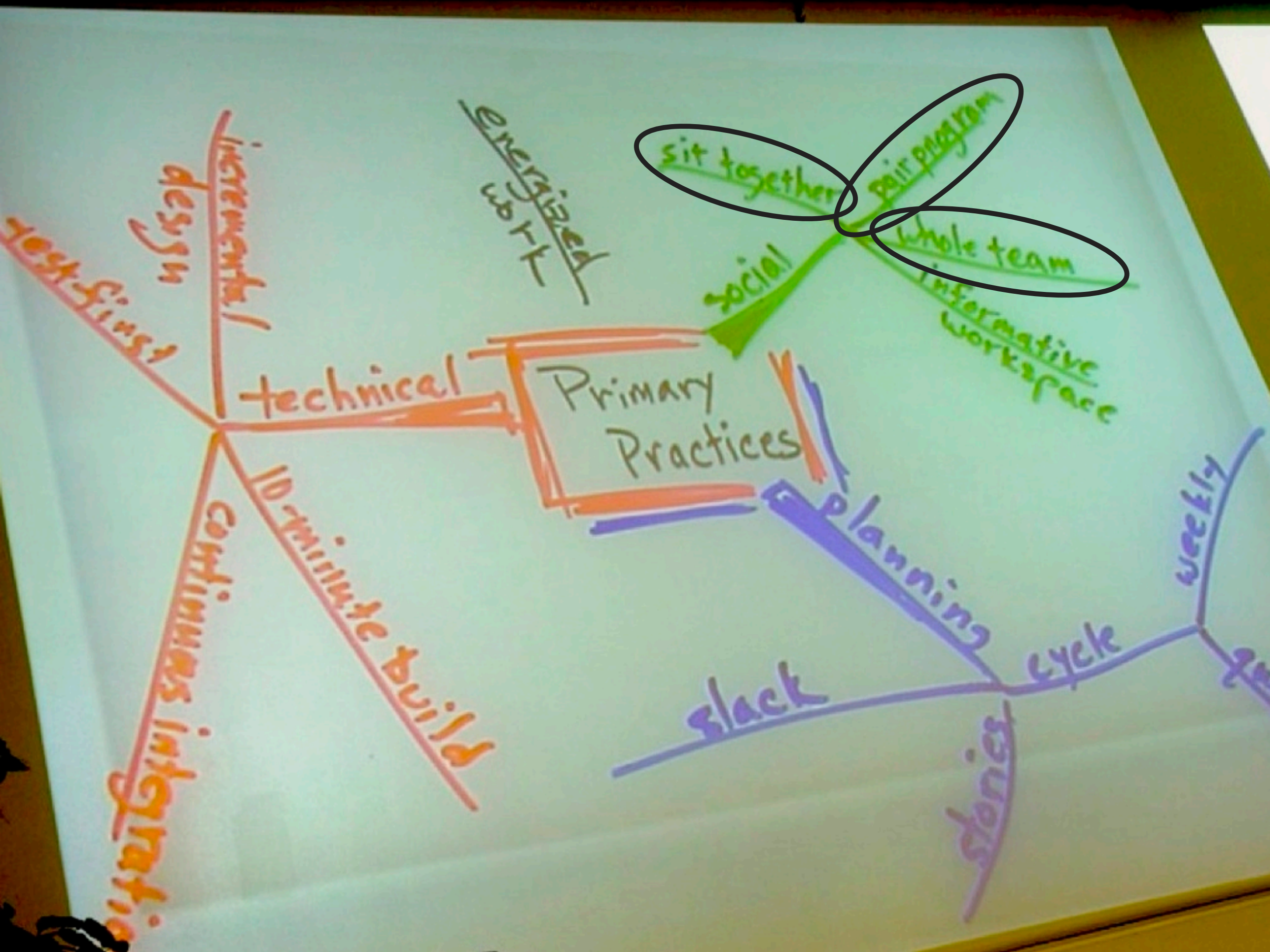
Online Gaming

- fine-grained collaboration
- immersion
- transparency / feedback
- flow / transitions



Primary Practices
technical
social
planning
cycle
slack
stories
weekly
sit together
pair program
whole team
informative workspace
energized work
incremental design
test-first
10-minute build
continuous integration



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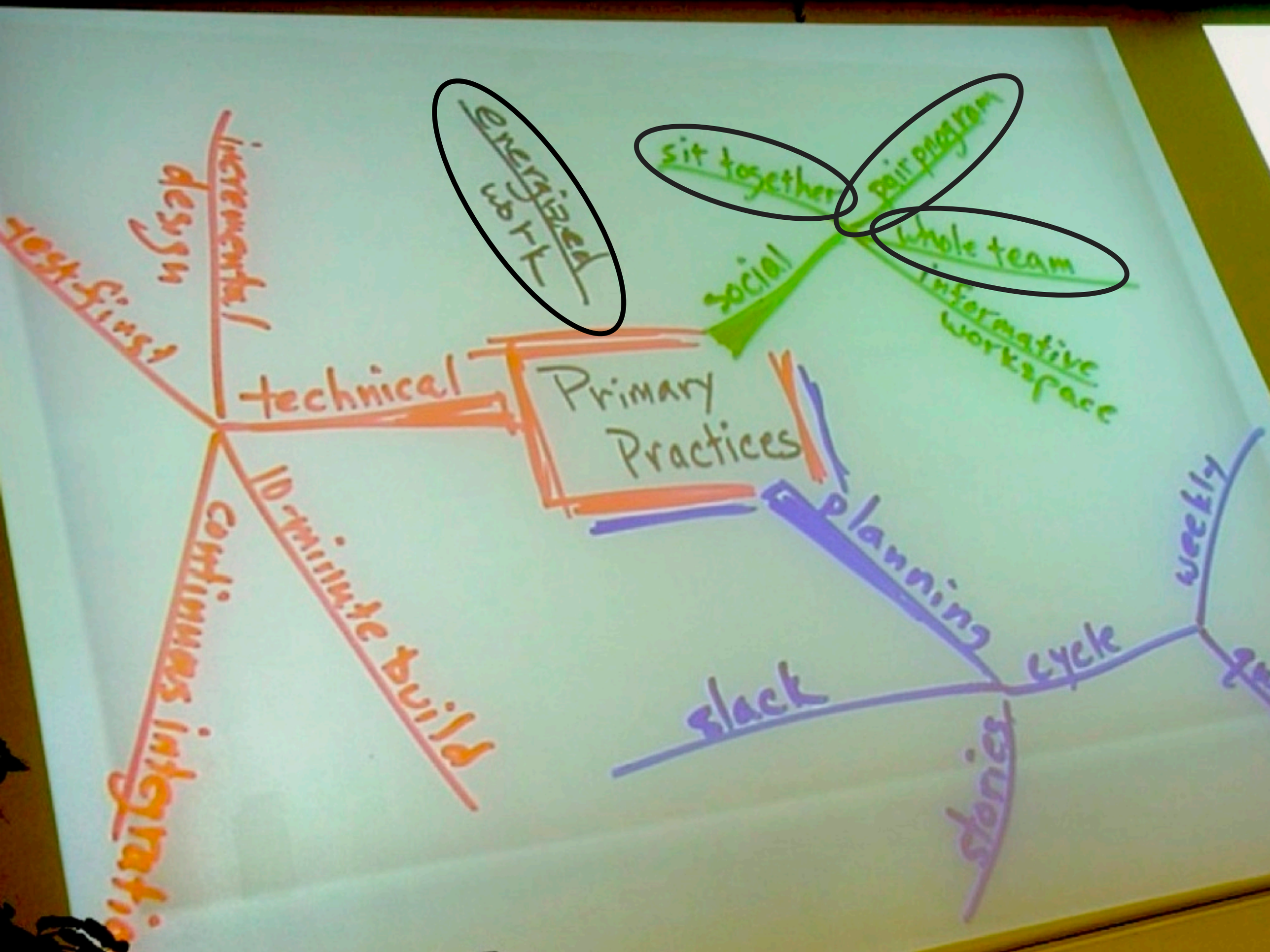

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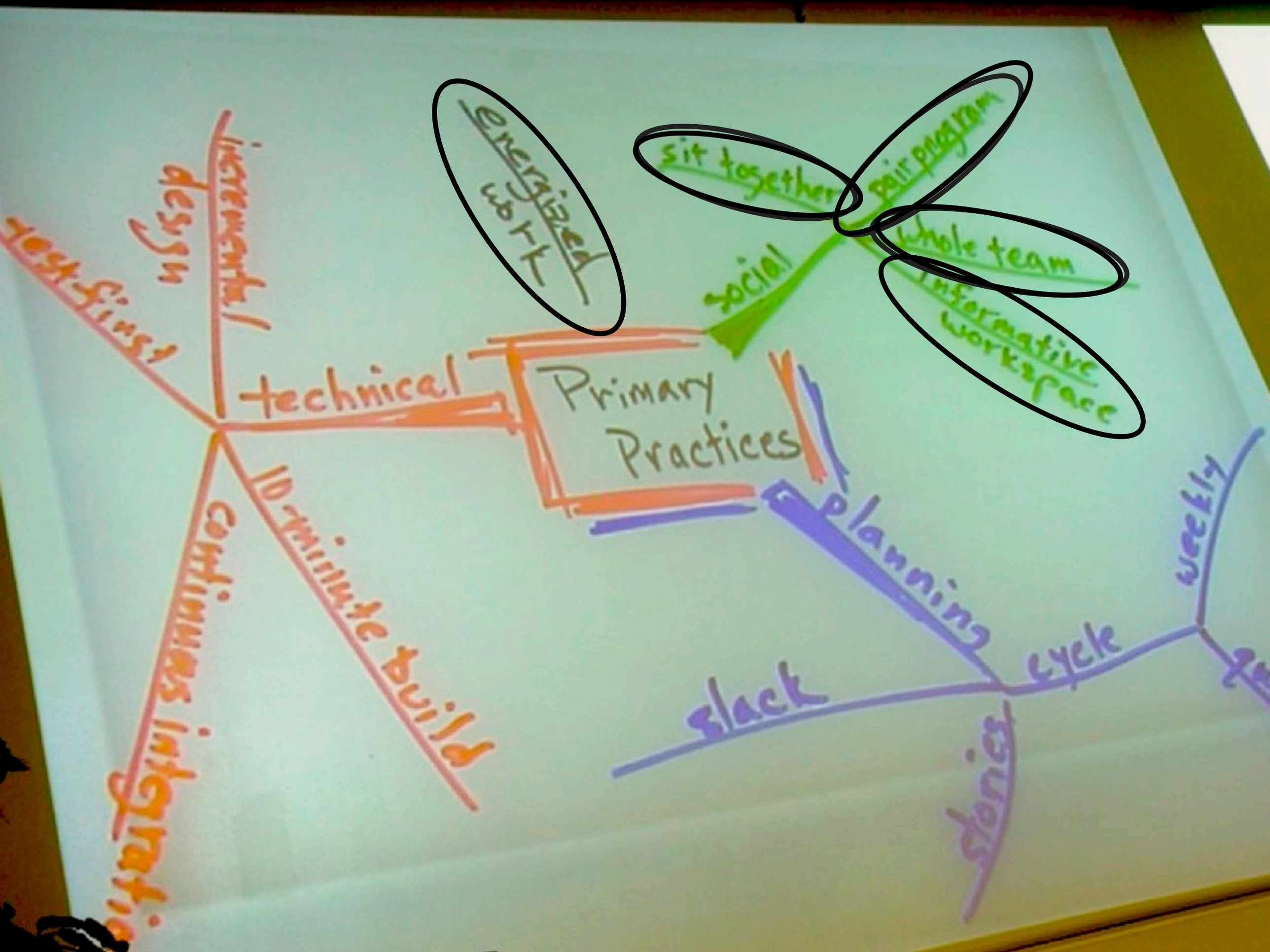

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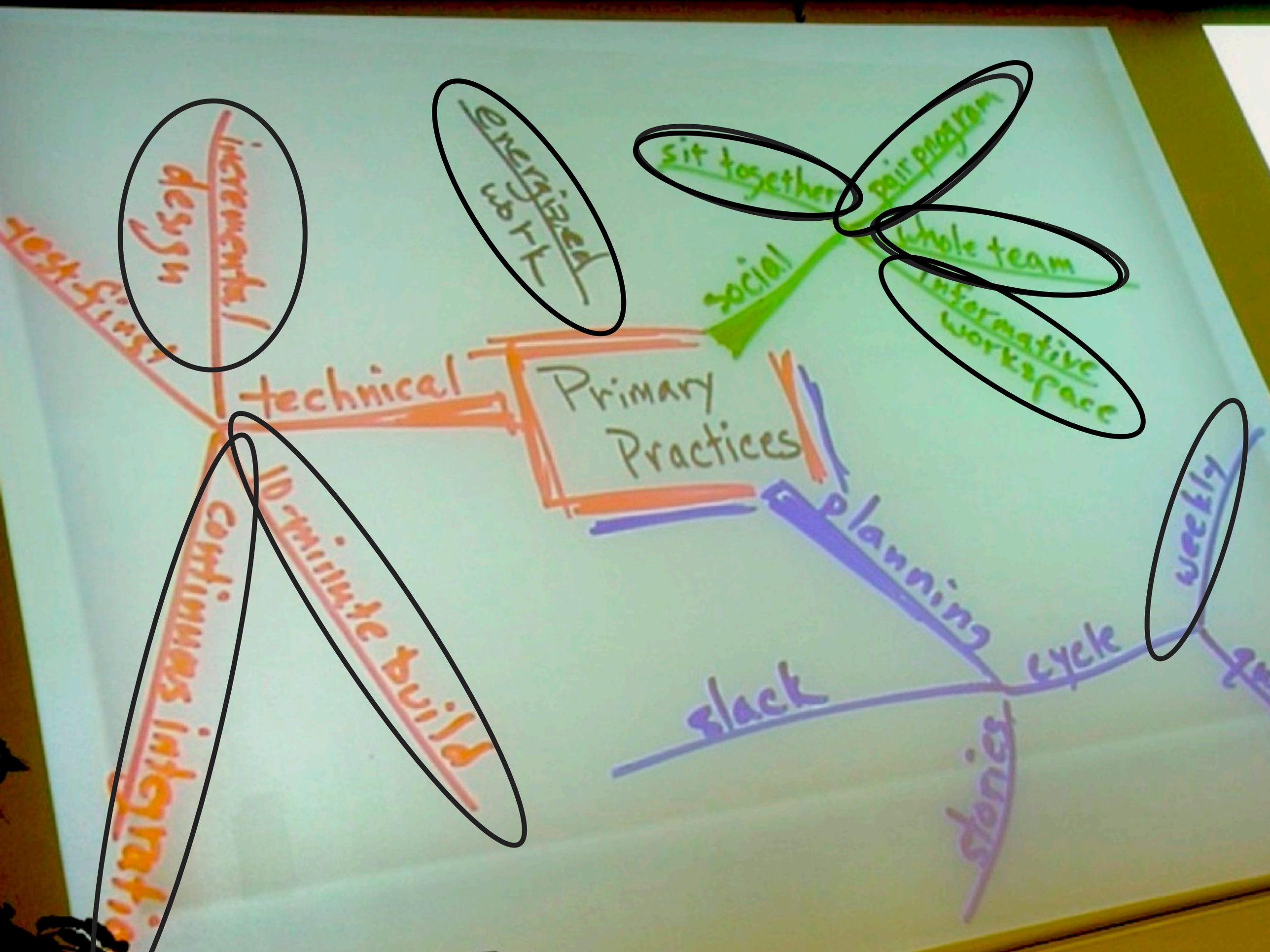

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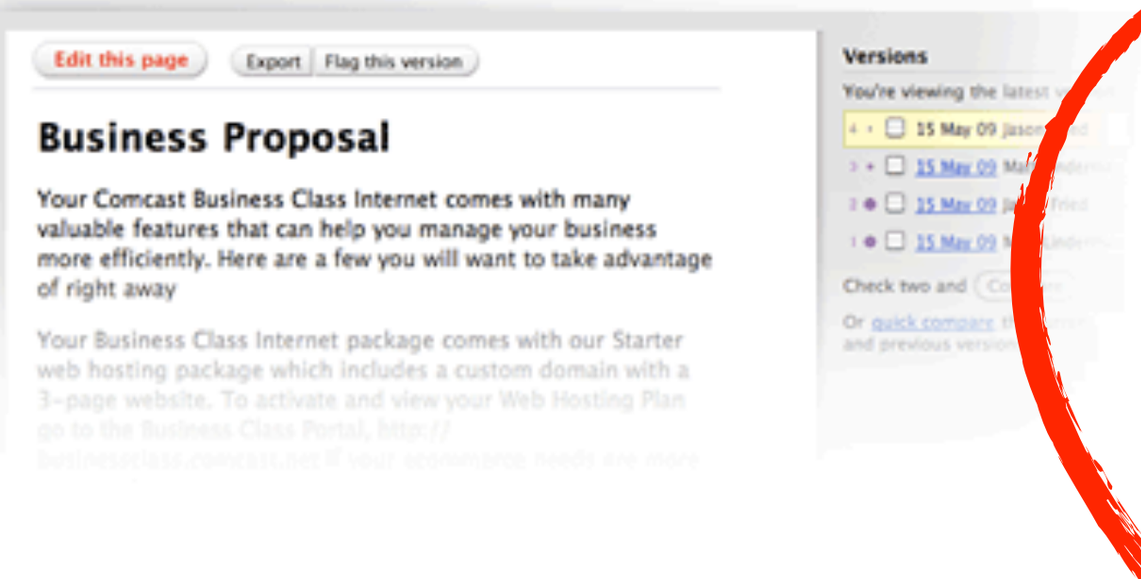
Channel
Ch1/2
11
0
0
BASS
VOLUME

A Simple Idea

What if we allowed a group of developers to simultaneously develop the same running application?

fine-grained collaboration

vоicing tools, mobile apps, mock-up review software,
me tracking tools, and many more.



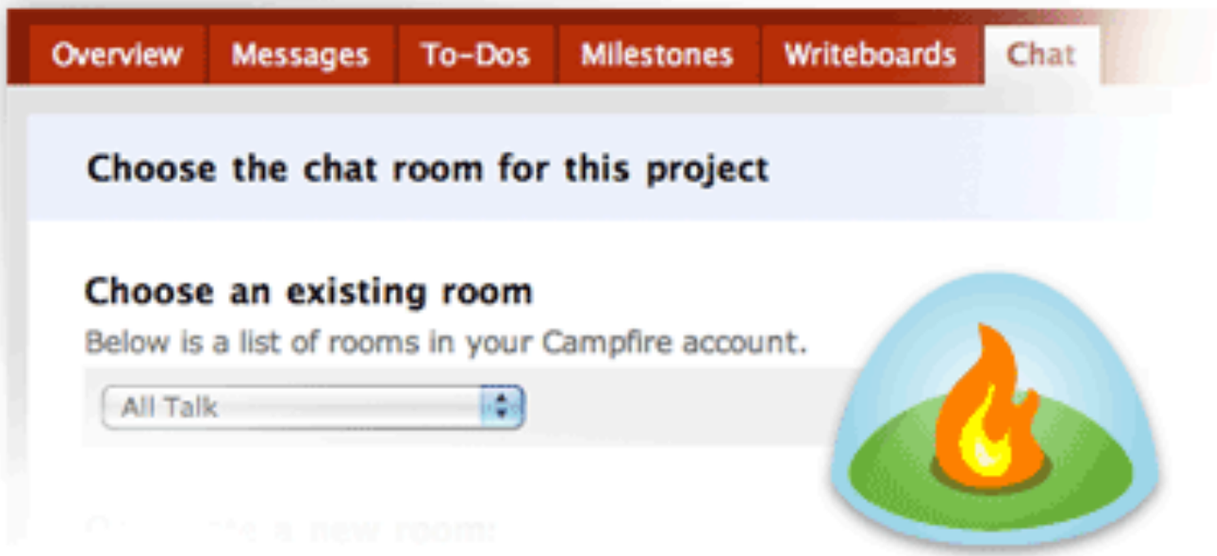
Write together with Writeboards.

Basecamp includes Writeboards. Writeboards are like web-based Word documents. But unlike Word documents, many people can collaborate on a Writeboard at once. Writeboards keeps track of who wrote what. Plus, you can roll back to any previous version or compare versions side by side.

Watch an overview of Writeboards

se Campfire for group chat.

ampfire is our group chat tool that works ith Basecamp. Share text, files, and code in al time no matter where you are. Plus, nce Campfire saves every conversation, ou can read up later on anything you issed earlier.



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Edit this page | Export

Business Propo

Your Comcast Business Class
valuable features that can hel
more efficiently. Here are a fe
of right away

Your Business Class Internet pa
web hosting package which inc
3-page website. To activate and
go to the Business Class Portal,
businessclass.comcast.net If you

Hold on —

John Doe is editing this writeboard right now!

If you edit now, there's a risk your changes won't be included in the latest version. We recommend you wait until the other person is done before you edit this writeboard.

What would you like to do?

← Take me back, I'll try again later (recommended)
→ I understand the risk, let me edit anyway

se Campfire for gr

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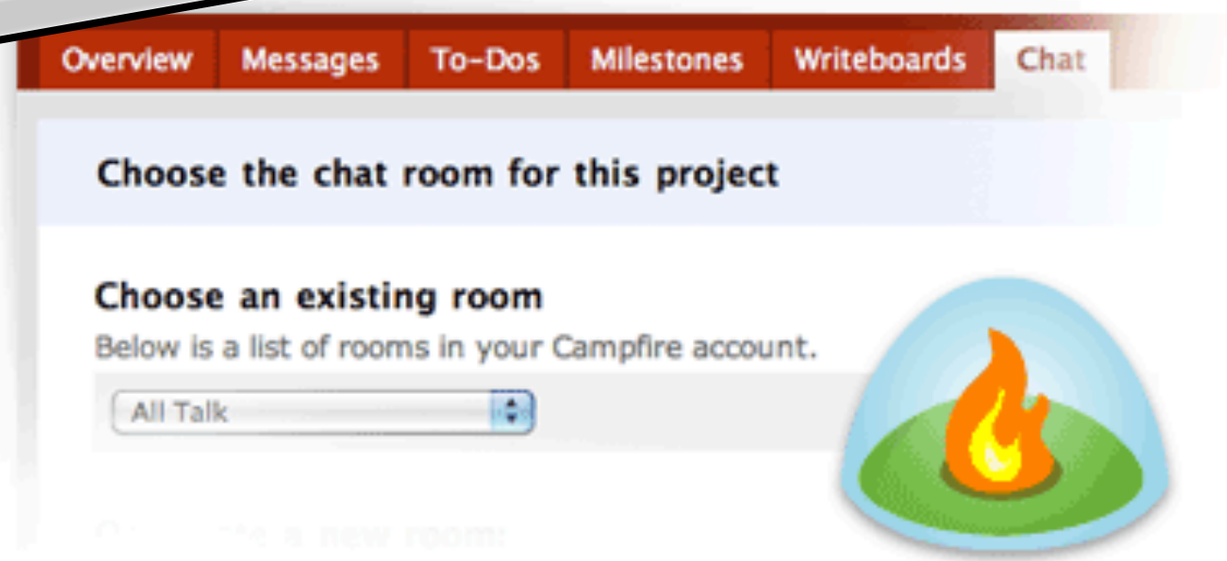
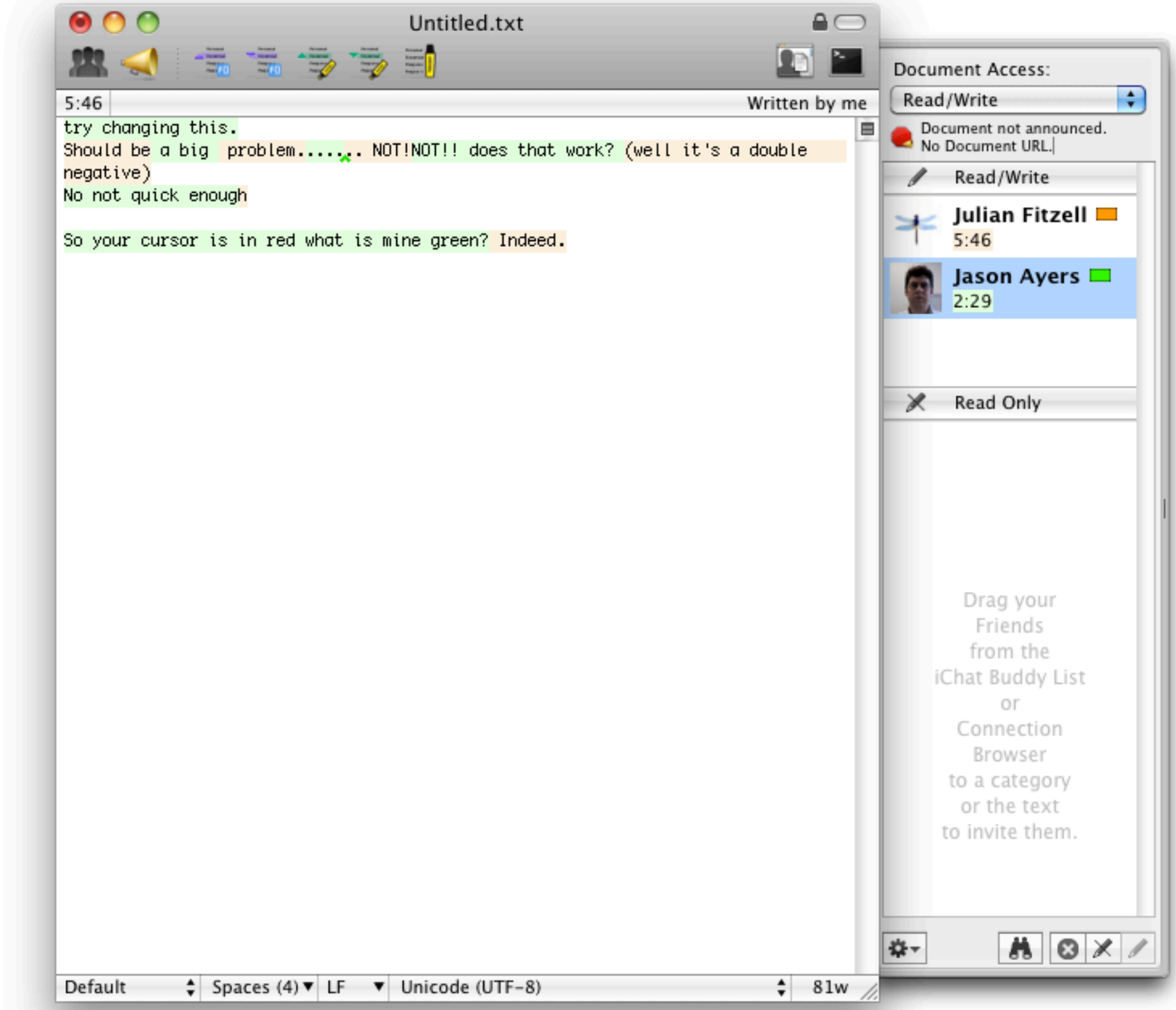



Untitled.txt
5:46
Written by me
try changing this.
Should be a big problem..... NOT!NOT!! does that work? (well it's a double negative)
No not quick enough
So your cursor is in red what is mine green? Indeed.
Default
Spaces (4)
LF
Unicode (UTF-8)
81w
Document Access:
Read/Write
Document not announced.
No Document URL.
Read/Write
Julian Fitzell
5:46
Jason Ayers
2:29
Read Only
Drag your Friends from the iChat Buddy List or Connection Browser to a category or the text to invite them.

Wolf Pack Programming™

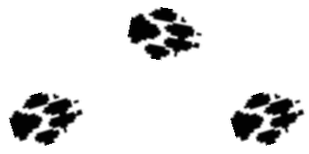
Roam territory

Search for a herd

Test prey animals

If it takes **flight**,
whole pack chases

Select easiest
prey



If it **stands**, pack circles,
two wolves attack

Roam territory

Search for a herd

Test prey animals

Roam problem domain / code base

Search for a herd

Test prey animals

Roam problem domain / code base

Search for a requirement / feature

Test prey animals

Roam problem domain / code base

Search for a requirement / feature

Test spikes

If it takes **flight**,
whole pack chases

Select easiest
prey

If it **stands**, pack circles,
two wolves attack

If it takes **flight**,
whole pack chases

If it **stands**, pack circles,
two wolves attack

Select easiest
implementation

If close to a solution, whole pack programs (**flight**)

If it **stands**, pack circles, two wolves attack

Select easiest implementation

If close to a solution, whole pack programs (**flight**)

If it fights back, two wolves program; others rest (**stand-off**)

Select easiest implementation

immersion

theCode: is

^ [:your | reality]

Pairing

© Paul Stravinsky

Pairing restricts your view on the world

© Paul Stravinsky

twin and triplet

~~pair~~ programming

transparency

Heat and Scent

http://upload.wikimedia.org/wikipedia/commons/7/7d/Canis_lupus_tracks_in_sand.jpg

Continuous Testing

A wolf's concept of territory

PD-USGOV-INTERIOR-NPS.

Open Channel

Image © Retron / Darren (flickr)

flow

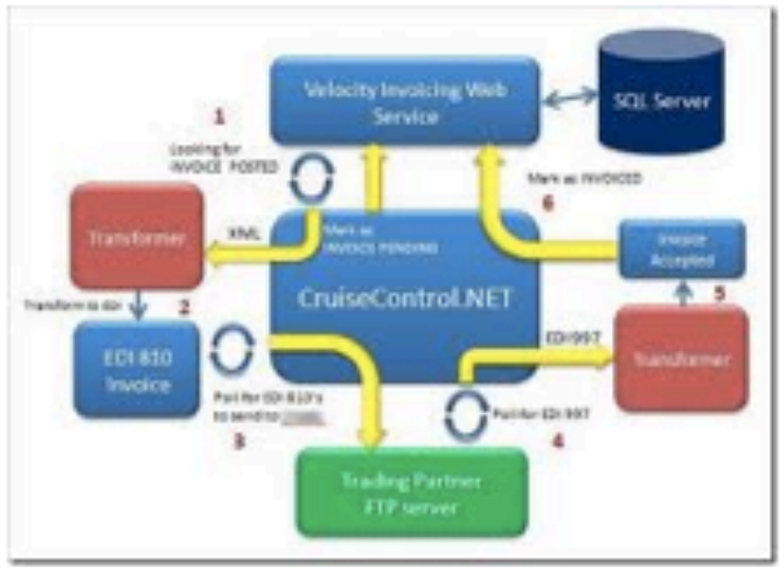
ontinuous integration diagram CI

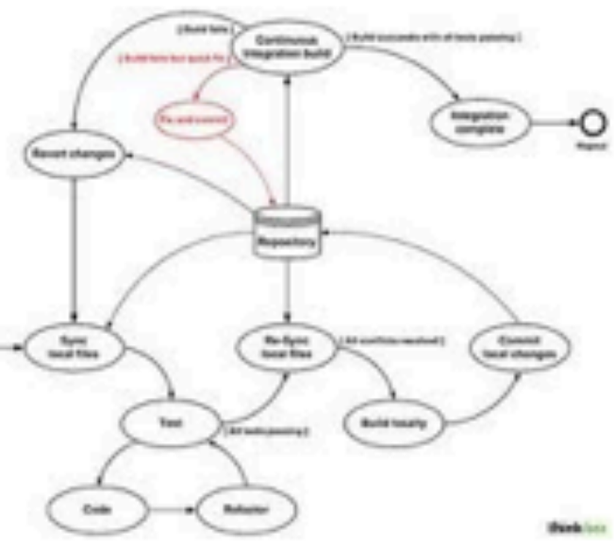
Search

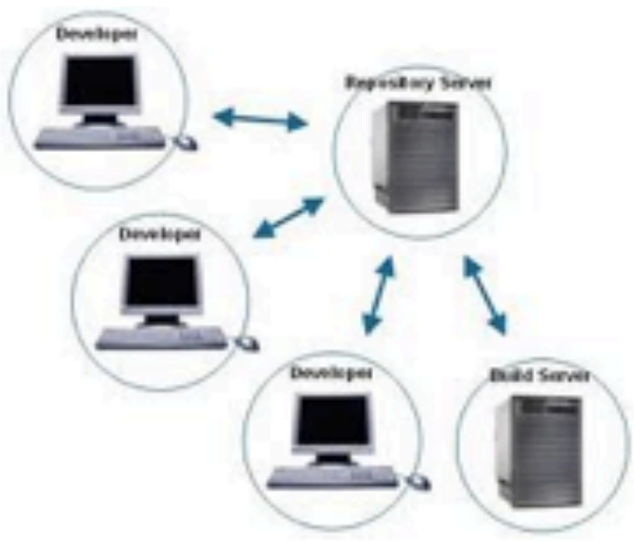
SafeSea

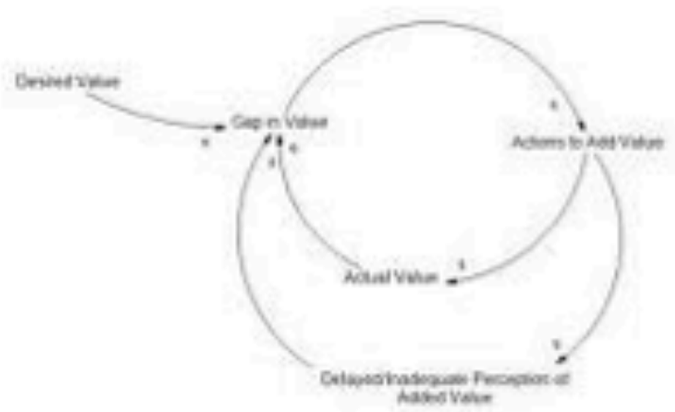
out 8,250 results (0.29 seconds)

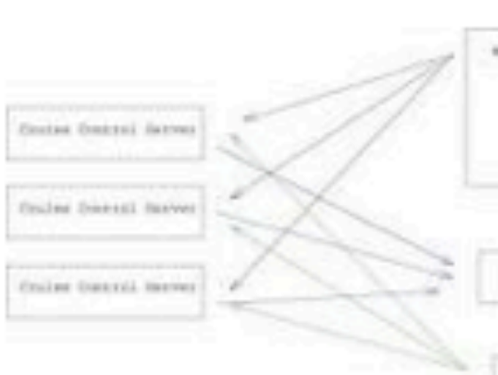
Advanced search

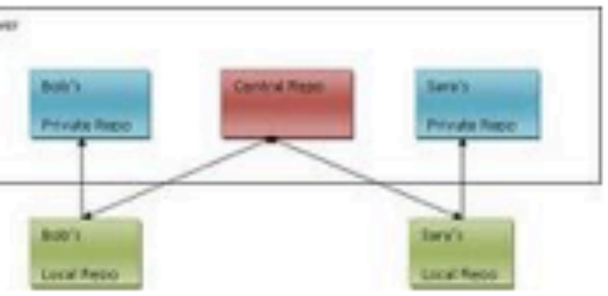


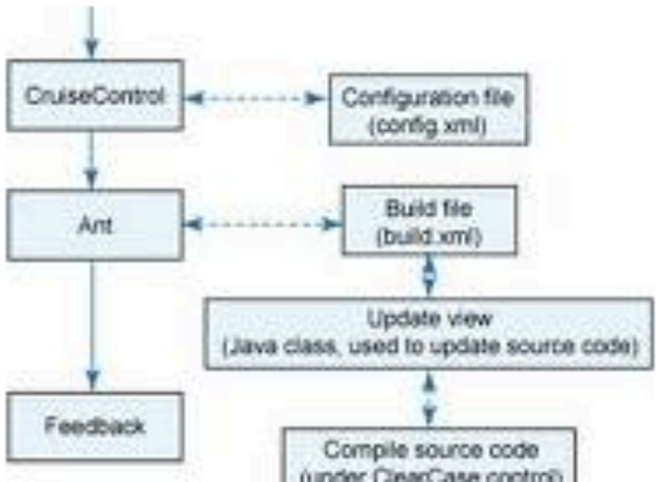


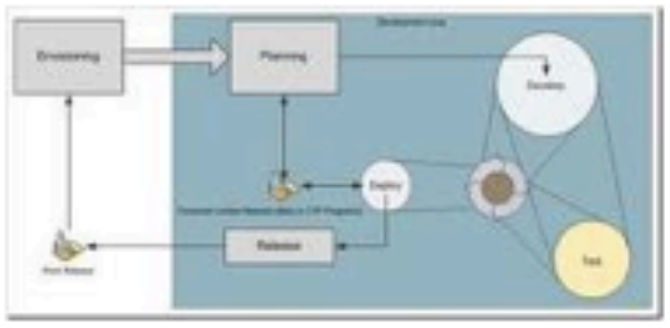


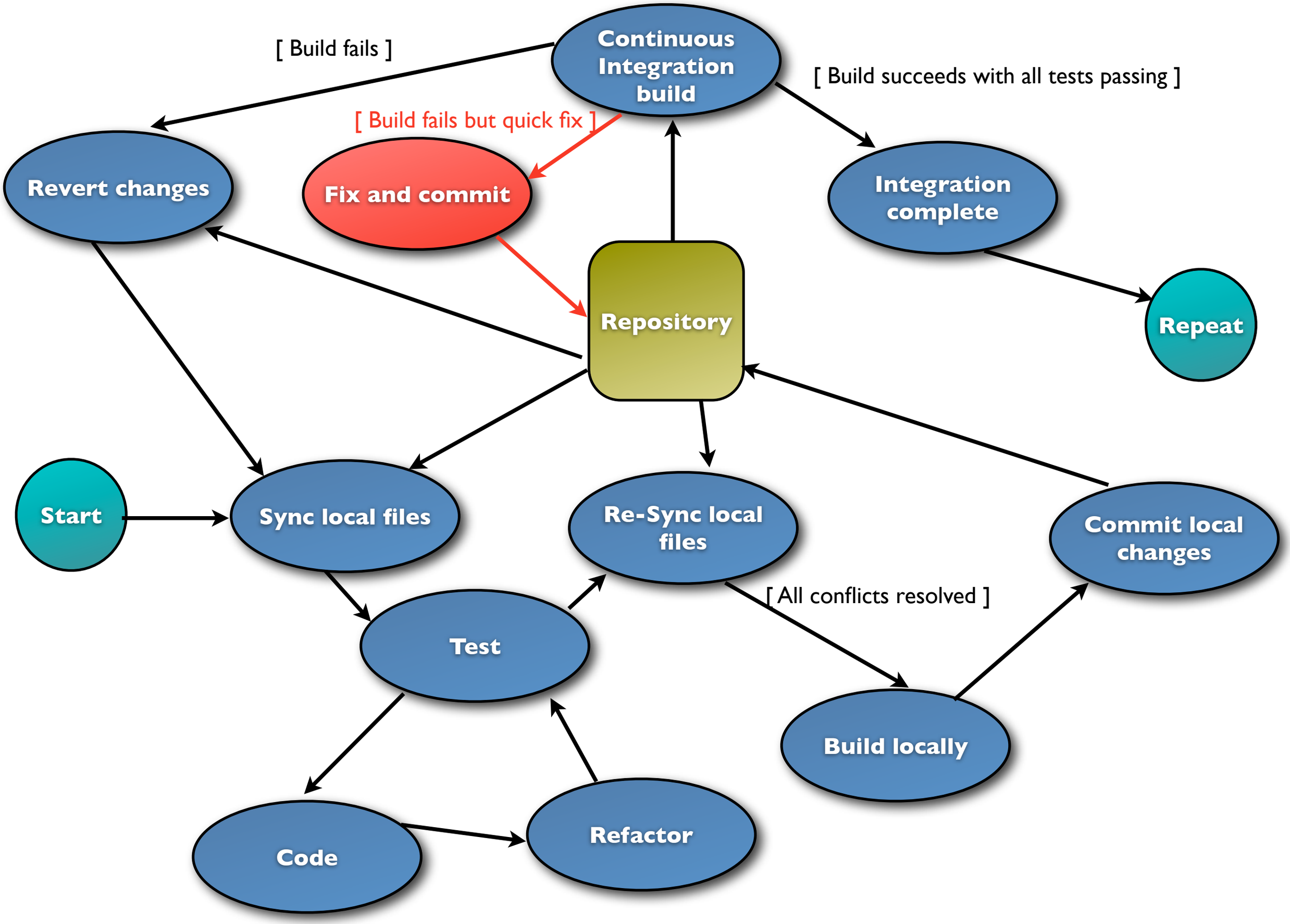


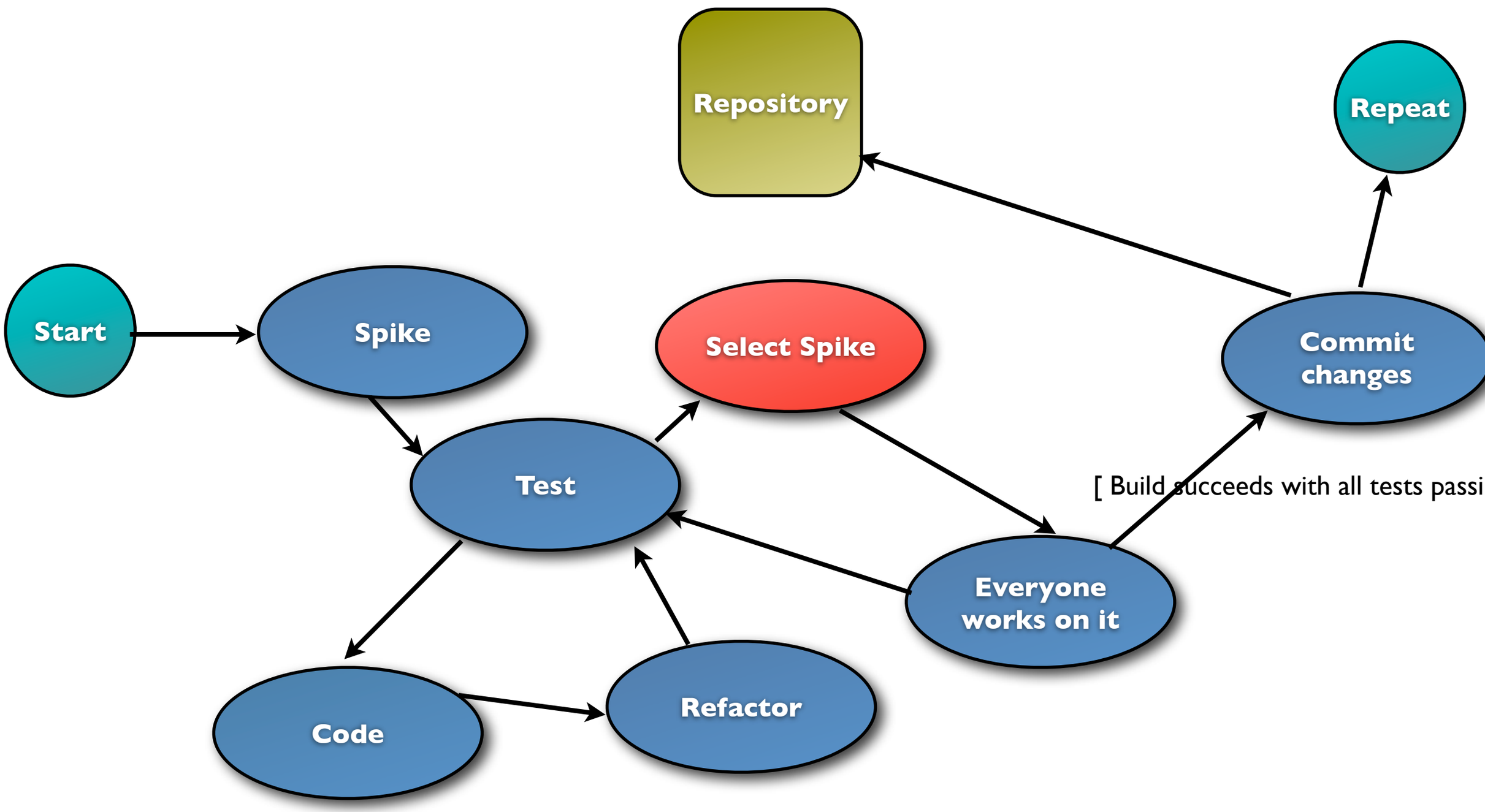


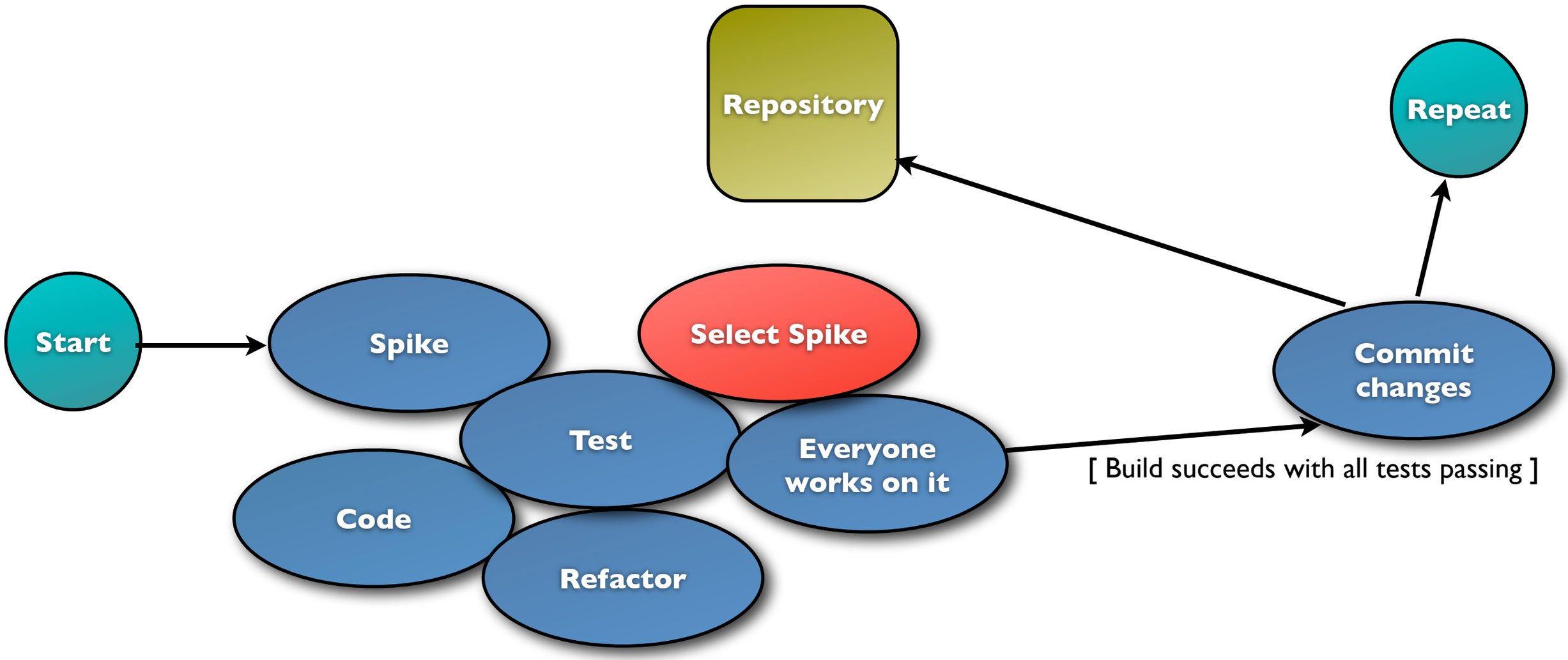







[Build fails]
Continuous Integration build
[Build succeeds with all tests passing]
[Build fails but quick fix]
Revert changes
Fix and commit
Integration complete
Repository
Repeat
Start
Sync local files
Re-Sync local files
Commit local changes
[All conflicts resolved]
Test
Build locally
Code
Refactor


Repository
Repeat
Start
Spike
Select Spike
Commit changes
Test
[Build succeeds with all tests passing]
Everyone works on it
Code
Refactor


Repository
Repeat
Start
Spike
Select Spike
Test
Everyone works on it
Commit changes
Code
Refactor
[Build succeeds with all tests passing]

col·lab·o·ra·tion /kəˌlabəˈrāSHən/

n. The act of working with others to create or achieve something.

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