Training
the team

Peter Bell
@peterbell
Founder
http://wheelhouse.io

wheelhouse

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Why me?

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Why me?

O'REILLY

Introducing
GitHub

A NON-TECHNICAL GUIDE

Peter Bell & Brent Beer

livelessons ▶

Git and
GitHub

Peter Bell

Workshop video

· MASTERING ·
GITHUB

Columbia
Business
School

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http://wheelhouse.io

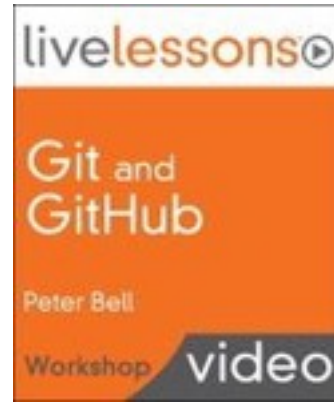wheelhouse

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Objectives

Information + Learning = Competence

Case Study

Objectives

Roles, Capabilities, Gap

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Roles

Roles

- Stakeholder
- Collaborator
- Contributor
- Developer
- Integration specialist
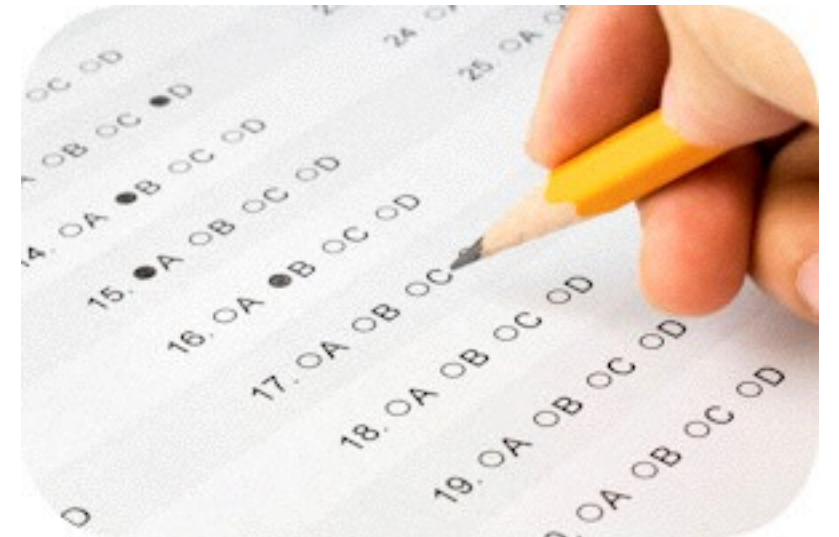- Workflow consultant
- Git Guru

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Capabilities

Capabilities

Epics: "Collaborate effectively with a team"

Decompose: "Create descriptive commit messages"

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Gap

Gap

Assessment

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Objectives

Roles, Capabilities, Gap

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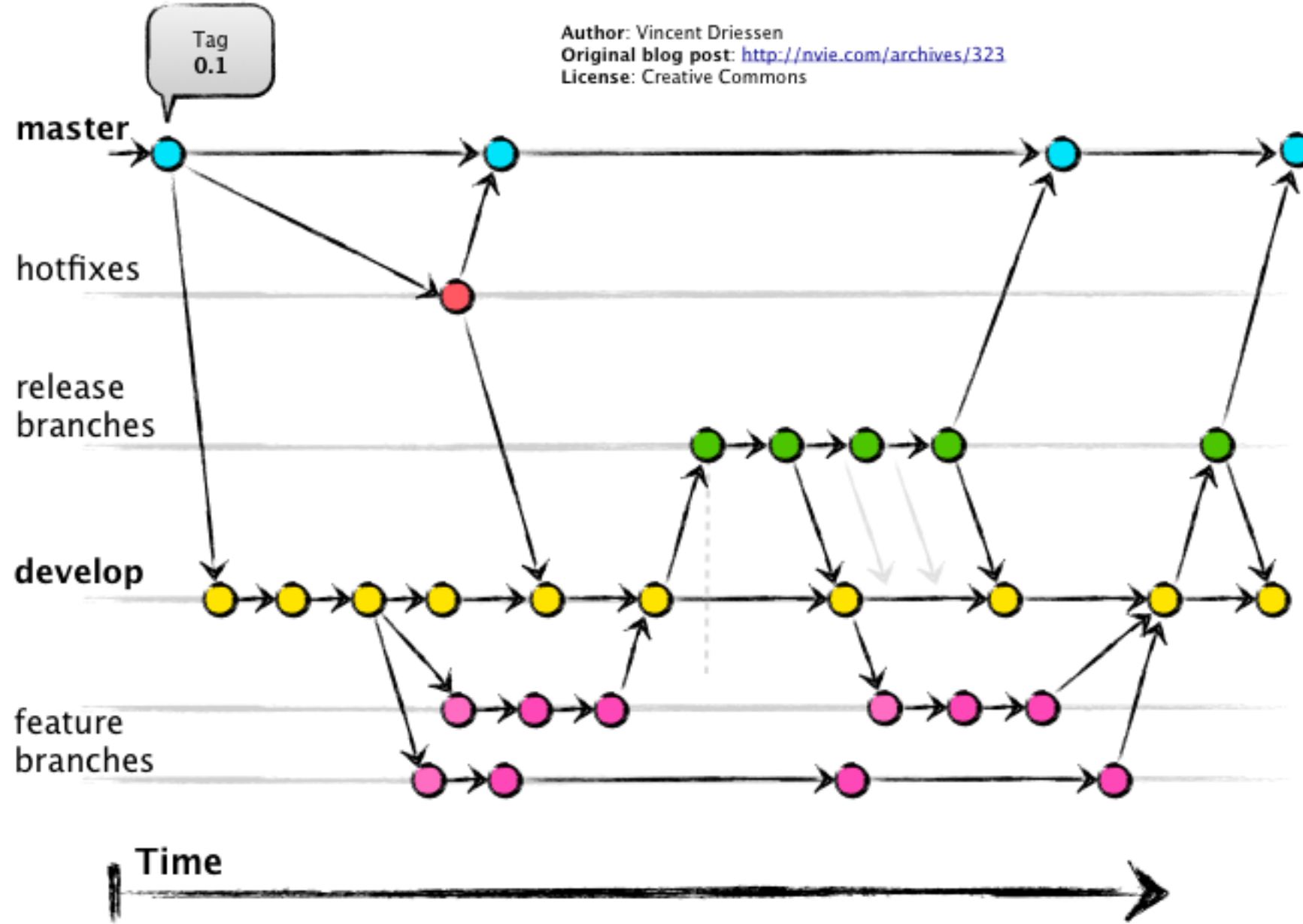# Training
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Information + Learning = Competence

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Information

Information

*"The best ideas are already here
- they're just not evenly distributed"*

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Information

Tag
0.1

Author: Vincent Driessen
Original blog post: http://nvie.com/archives/323
License: Creative Commons

master

hotfixes

release
branches

develop

feature
branches

Time

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Information

Information

Publishing vs. training

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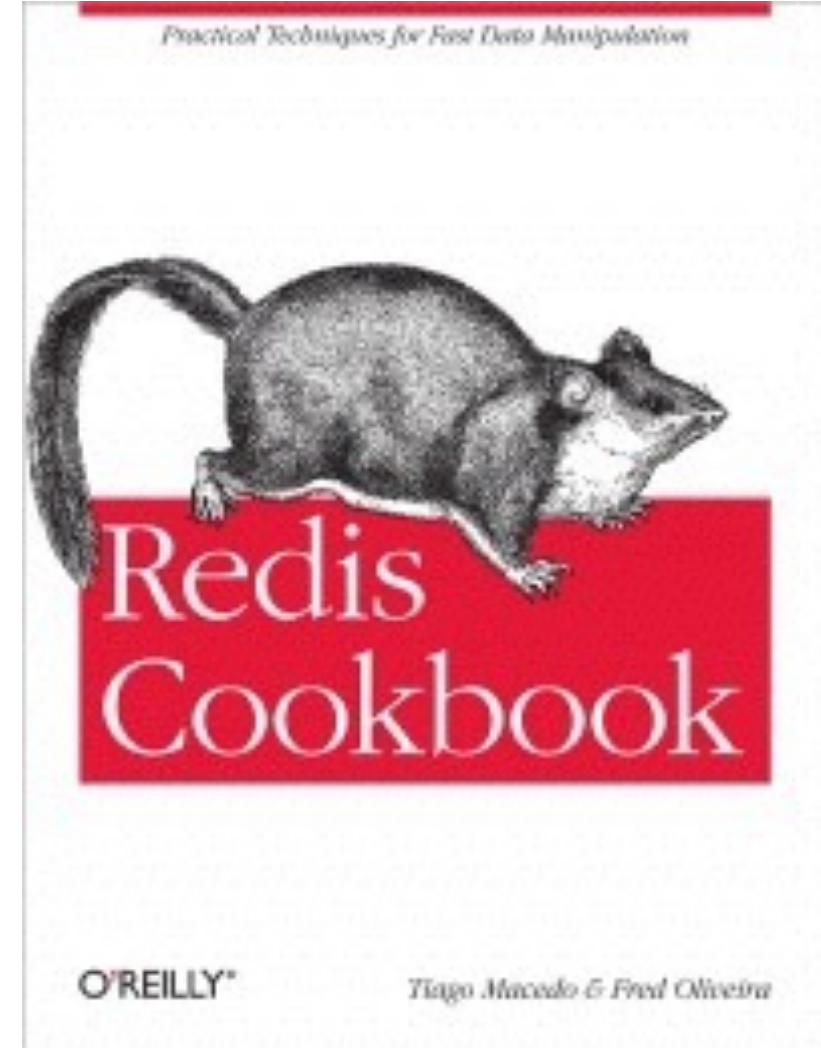
Information

Not just tools - best practices

Information

Not just tools - best practices

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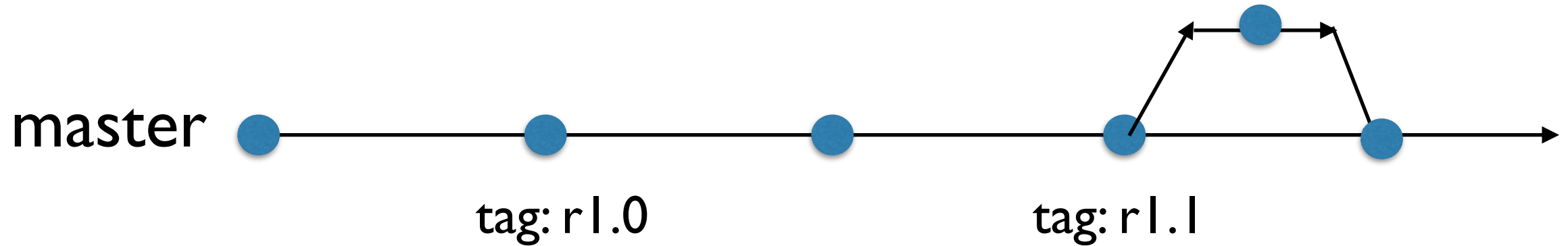# Information

The problem with best practices?

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Information

…it depends

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Information

...it depends

Release branches . . .

master

tag: r1.0   tag: r1.1

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Information

Decision trees

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Information

Trade offs

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Information

Trade offs

Rebase feature branches?

✓ ✗

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Information

Learning

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Learning

Teaching $\neq$ learning

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Learning

Need

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Learning
Need

- Motivation
- Active participation
- Practice

Learning

Types of learning

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Learning

Types of learning

- Conceptual
- Factual
- Skills acquisition
- Cultural acclimatization

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Learning

Conceptual

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Learning

Factual

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Learning

Skills Acquisition

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Learning

Cultural acclimatization

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Learning

Types of learning

- Conceptual
- Factual
- Skills acquisition
- Cultural acclimatization

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Learning

Additional Concepts

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Learning

Additional Concepts

Experimental learning

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Learning

Additional Concepts

Differentiated learning

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Learning

Additional Concepts

Spaced repetition

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Learning

People

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Learning

People

Community

Learning
People

Instructor

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Information + Learning = Competence

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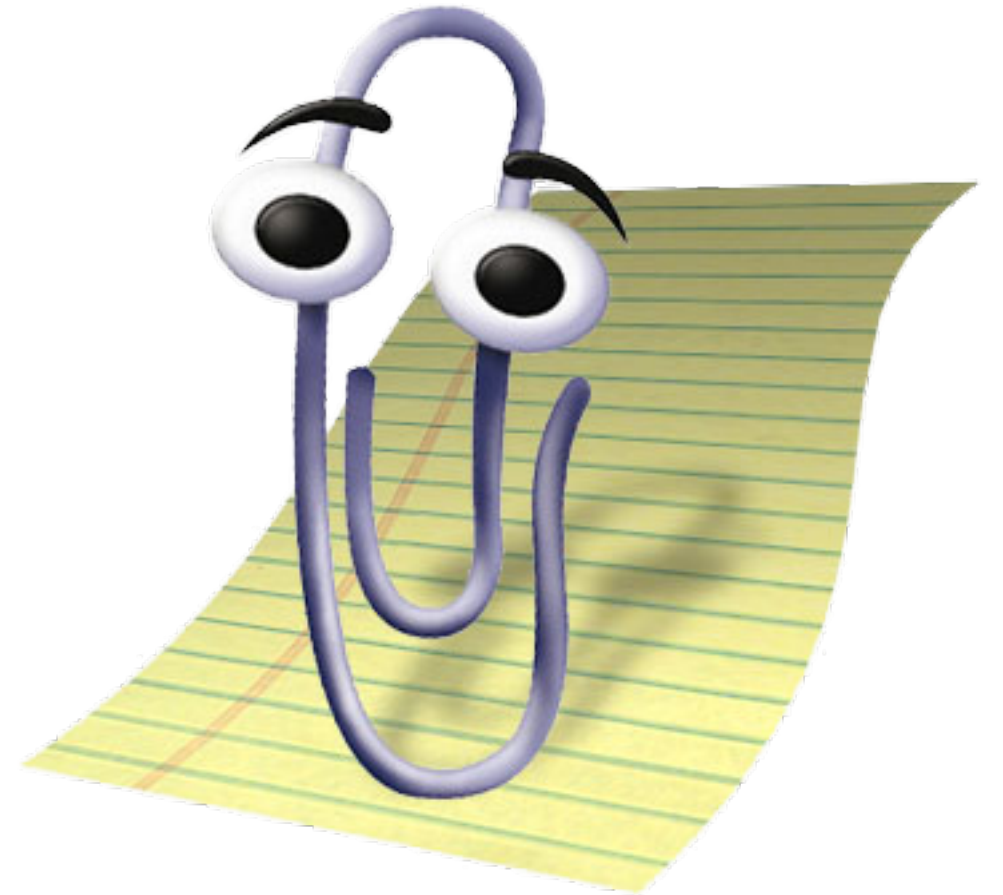
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Competence

...for now

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Case Study: TwitterU

Case Study: TwitterU

Differences in house:
- Intimate
- Analyze repo's/practices
- Productivity data
- Culture of learning

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Case Study: TwitterU

10% of engineers teach

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Case Study: TwitterU

Removed barriers

Case Study: TwitterU

Feedback on courses

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Case Study: TwitterU

Tooling

Case Study: TwitterU

Size

Case Study: TwitterU

Self serve

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Case Study: TwitterU

Documentation

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