

Turbulence

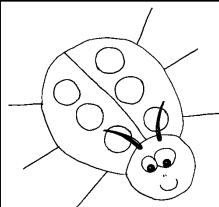
The signs of Change

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President
AmiBug.Com, Inc.

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Overview

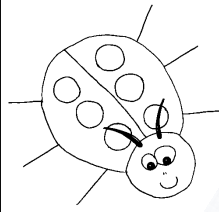
Overview
Some philosophy
Context drivers
Are we there yet?



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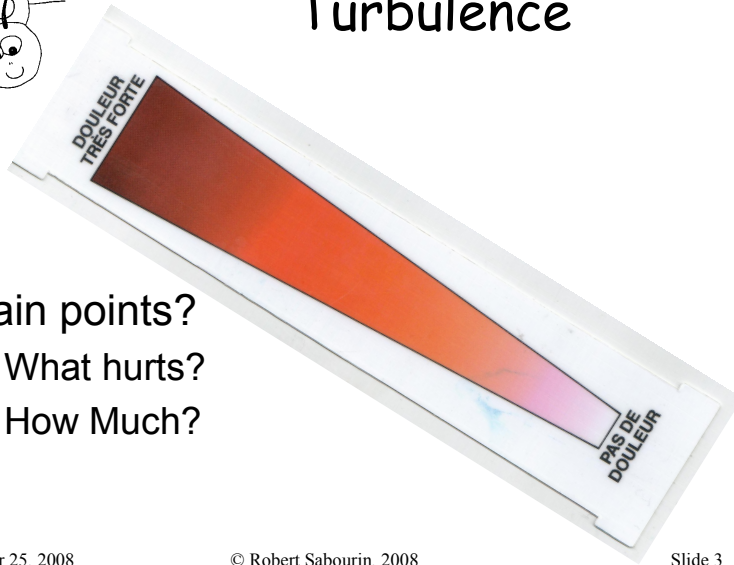
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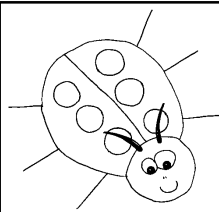
- Pain points?
 - What hurts?
 - How Much?



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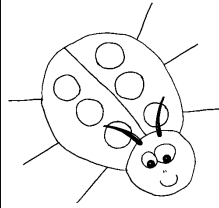
Value Driven Testing

Some Philosophy

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Fundamental Question

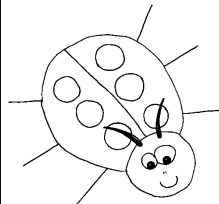
- How do you know when you are finished?



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Crosby on Quality

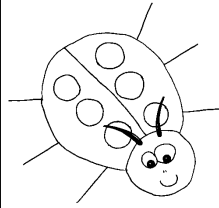
- “Quality is defined as conformance to requirements”
- “Quality is not a measure of GOODNESS”
 - Phil B. Crosby, *Quality is Free*



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Gerald M. Weinberg

“Quality is value to some person”

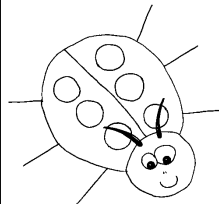


Exploring Requirements
Quality Before Design
Dorset House

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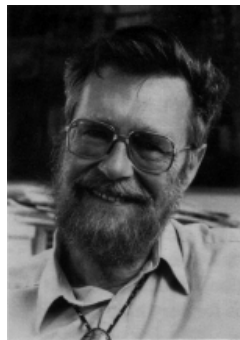
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Edsger W. Dijkstra

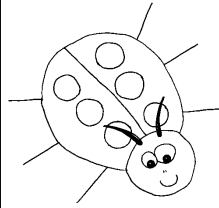
- “Program testing can be used to show the presence of bugs, but never to show their absence”



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Yoda

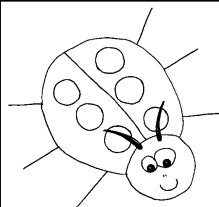


*"No! Try not, Do. Or do not.
There is no try."*

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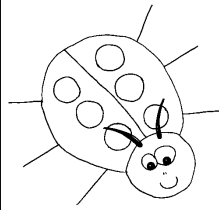
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Lifecycle Models

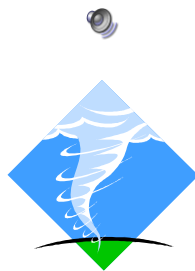
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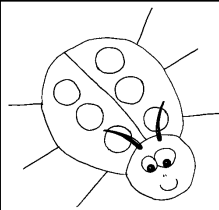
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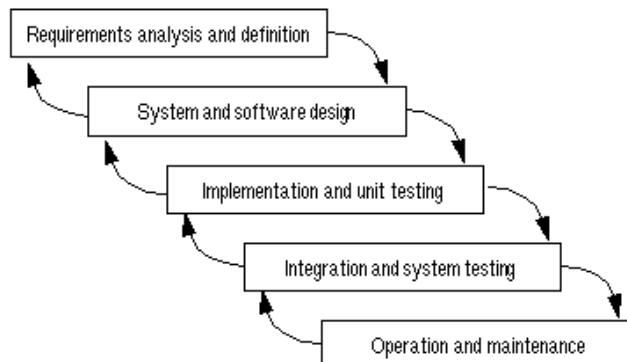
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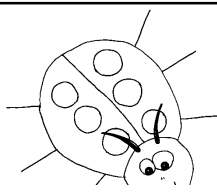
Waterfall Development Process



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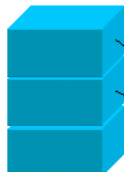
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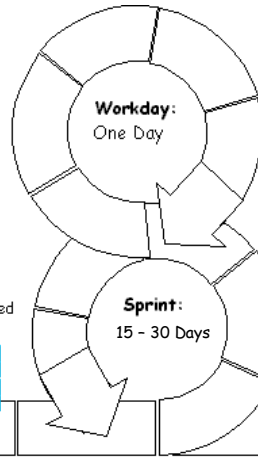
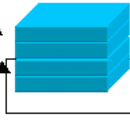
SCRUM Framework

SCRUM Sprint Cycle

Product Backlog:
Prioritized list of features required by the customer



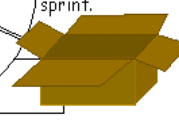
Sprint Backlog:
Features to be done this sprint
Features are expanded into smaller tasks.



Every Day, a 15-minute meeting is held, and the SCRUM Master asks the 3 questions:

- 1) What have you accomplished since the last meeting?
- 2) Are there any obstacles in the way of meeting your goal?
- 3) What will you accomplish before the next meeting?

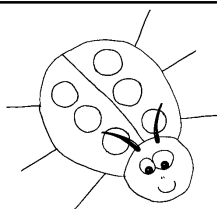
New Functionality is demonstrated at the end of each sprint.



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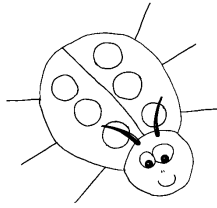
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Chaotic

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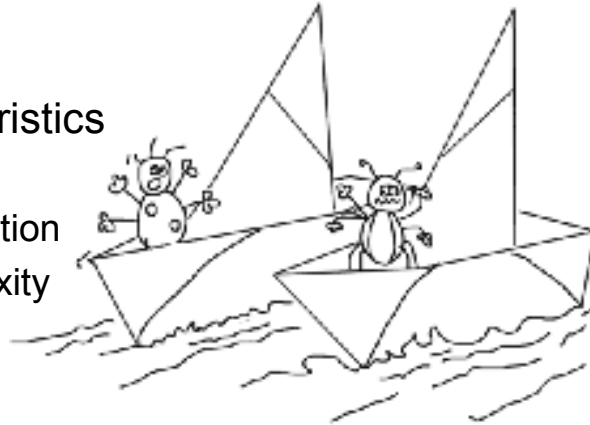
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Chaos

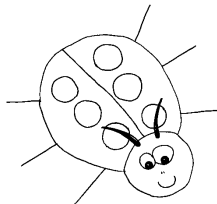
- Characteristics
 - Control
 - Expectation
 - Complexity



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Random

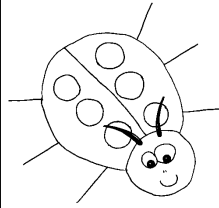
- Characteristics
 - Unpredictable
 - Inconsistent
 - Disorganized



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Change

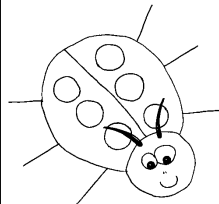
- Characteristics
 - New
 - Different
 - Innovation



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Requirements

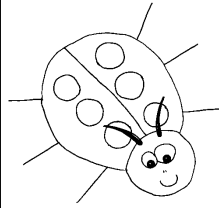
- Did they change?
- Understand them better?
- Understand them wrong?



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Designs

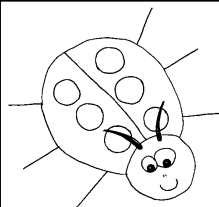
- Failures
- Weakness
- Extensible



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Teams

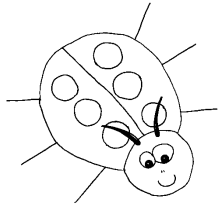
- People
- Organization
- Relations



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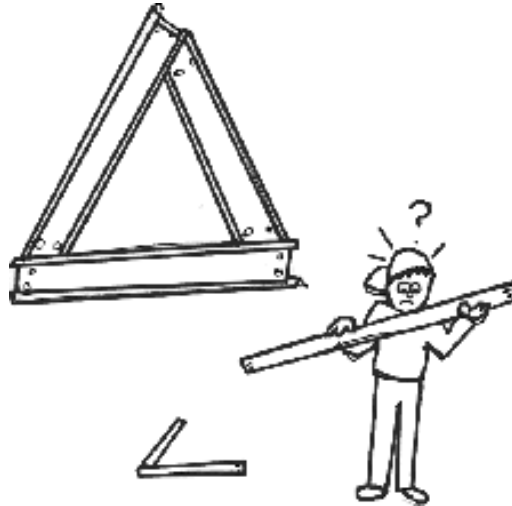
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Business Goals

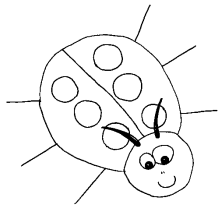
- Profit
- Consumers
- Reputation



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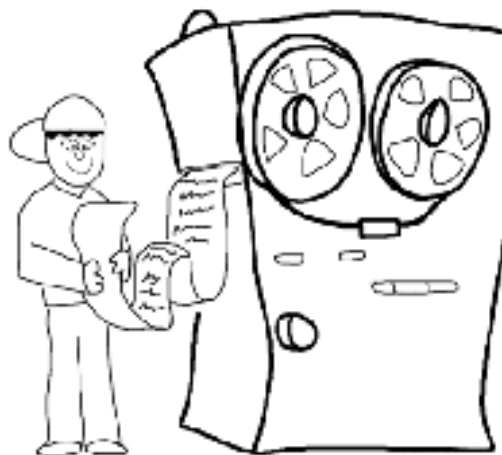
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Technologies

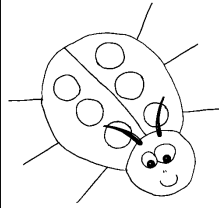
- How?
- Better
- More integrated



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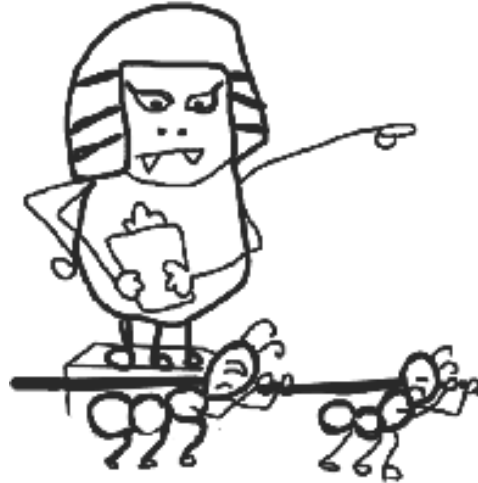
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Organizations

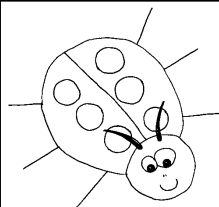
- Hierarchy
- Structure
- System



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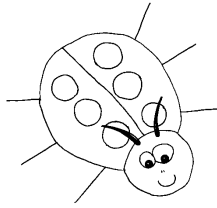
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Context Drivers

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Context Drivers - BTO

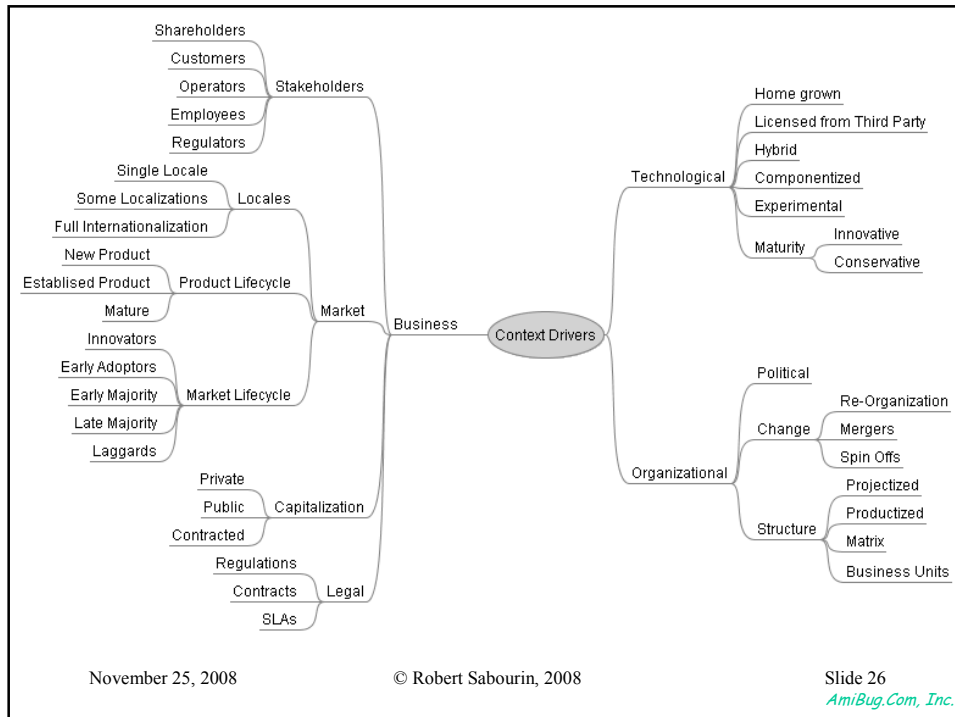
- Business
 - Value
 - To whom?
 - Why?
- Technology
 - Solutions
- Organization
 - Corporate Structure
 - Team Structure
 - Roles and Responsibilities



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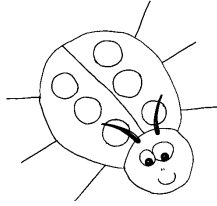
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Context Listeners

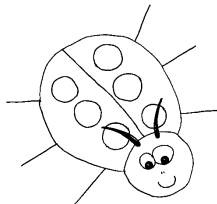
- Find Sources
- Monitor Drivers
- Anticipate Change
- React



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Triage

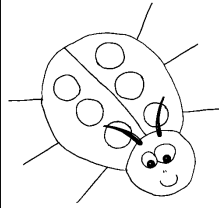
- Criticali
- Resources



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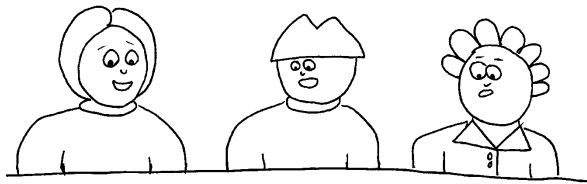
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Finished?

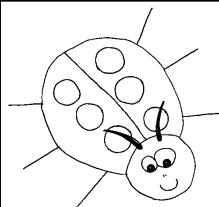
How do you know you are finished?



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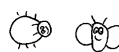
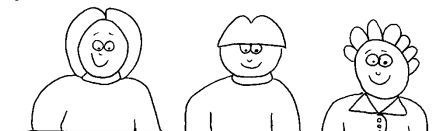
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You know you are finished when

...

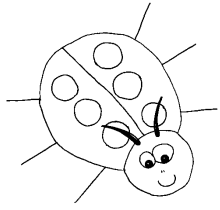
... the only bugs left are the ones are acceptable (based on your objective test team input) ...



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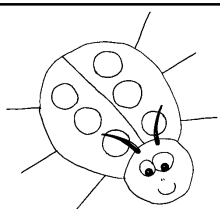
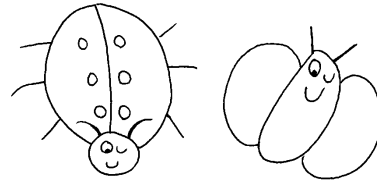


You know you are finished when

...

... the only bugs left are the ones are acceptable (based on your objective test team input) ...

At least for now!



Thank You

- Questions?

