

## **I am the inventor of the wiki.**

My vision is to do for numbers what I've done for words: give them depth and meaning that ordinary people can depend on every day. This can change the world.



**NIKE**  
**BETTER**  
**WORLD**  
OPEN INNOVATION

CODE FOR A BETTER WORLD FELLOW

The silicon chip and optical fiber combine to transform how humans manage relationships with each other and the earth's ecosystem services. This dynamic balance requires a relentless willingness to change and the collective wisdom to choose well from available alternatives.

Our population's health and happiness depends more on general fitness and active lifestyle than the unlimited accumulation of wealth or power. Freely shared original thinking will be required to quantify this global path forward. I am sufficiently original.

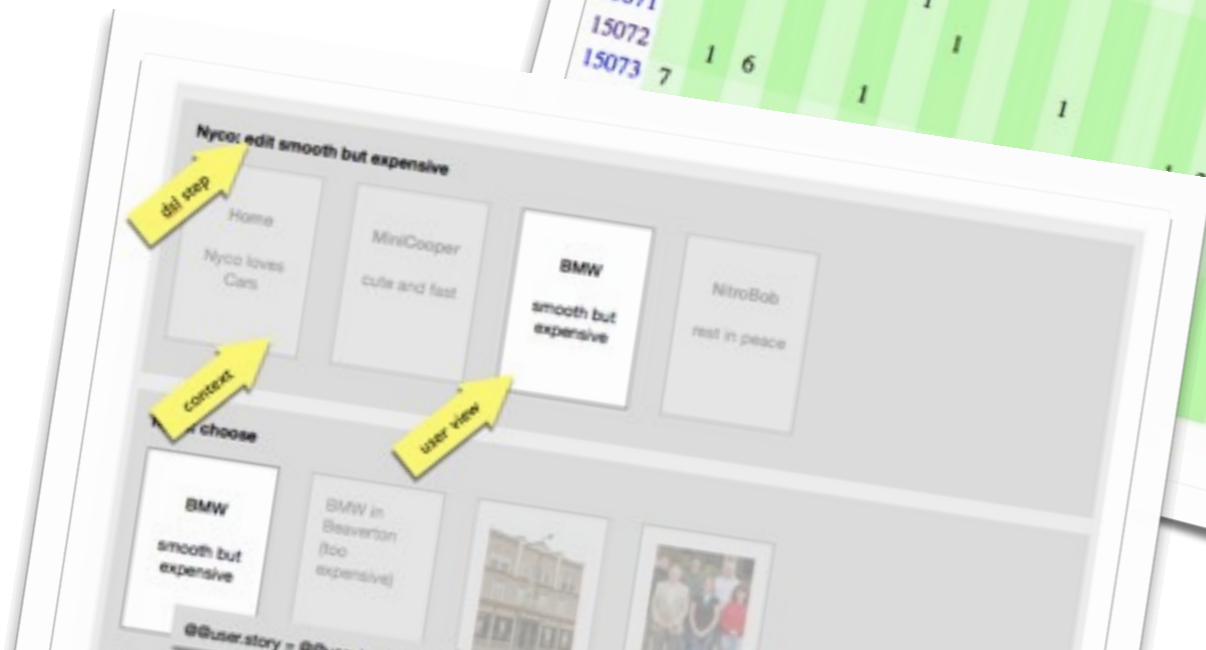
I maintain positive relationships with academic and industrial research, develop commercial and open-source software, and, advise public and private corporations as both a consultant and an employee. This portfolio samples my work. I would be pleased to have Nike enable its continuation by supporting me as an open innovation fellow.

Ward Cunningham  
Portland, Oregon

# visualization

study complex community behavior by visualizing patterns

build, visualize and validate models of user behaviors

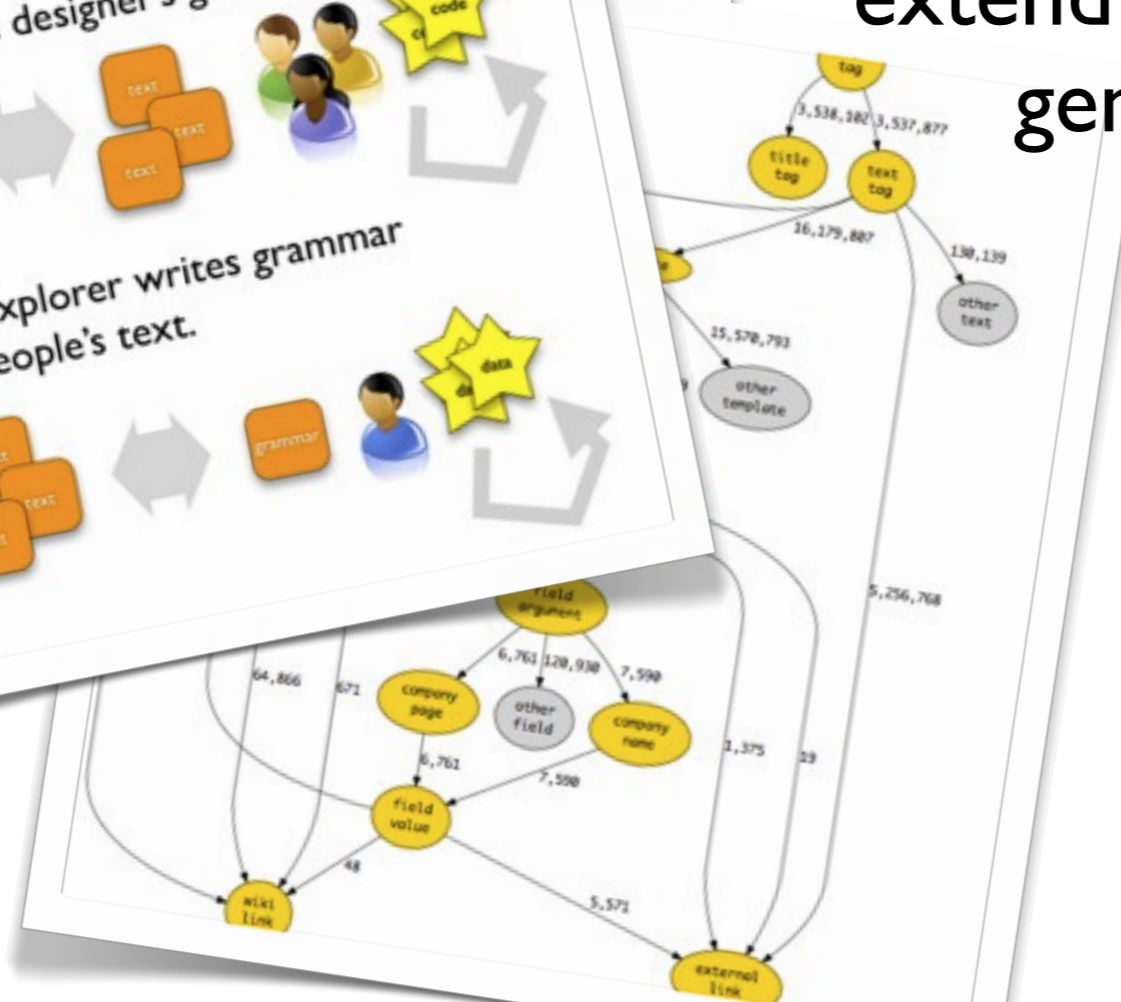
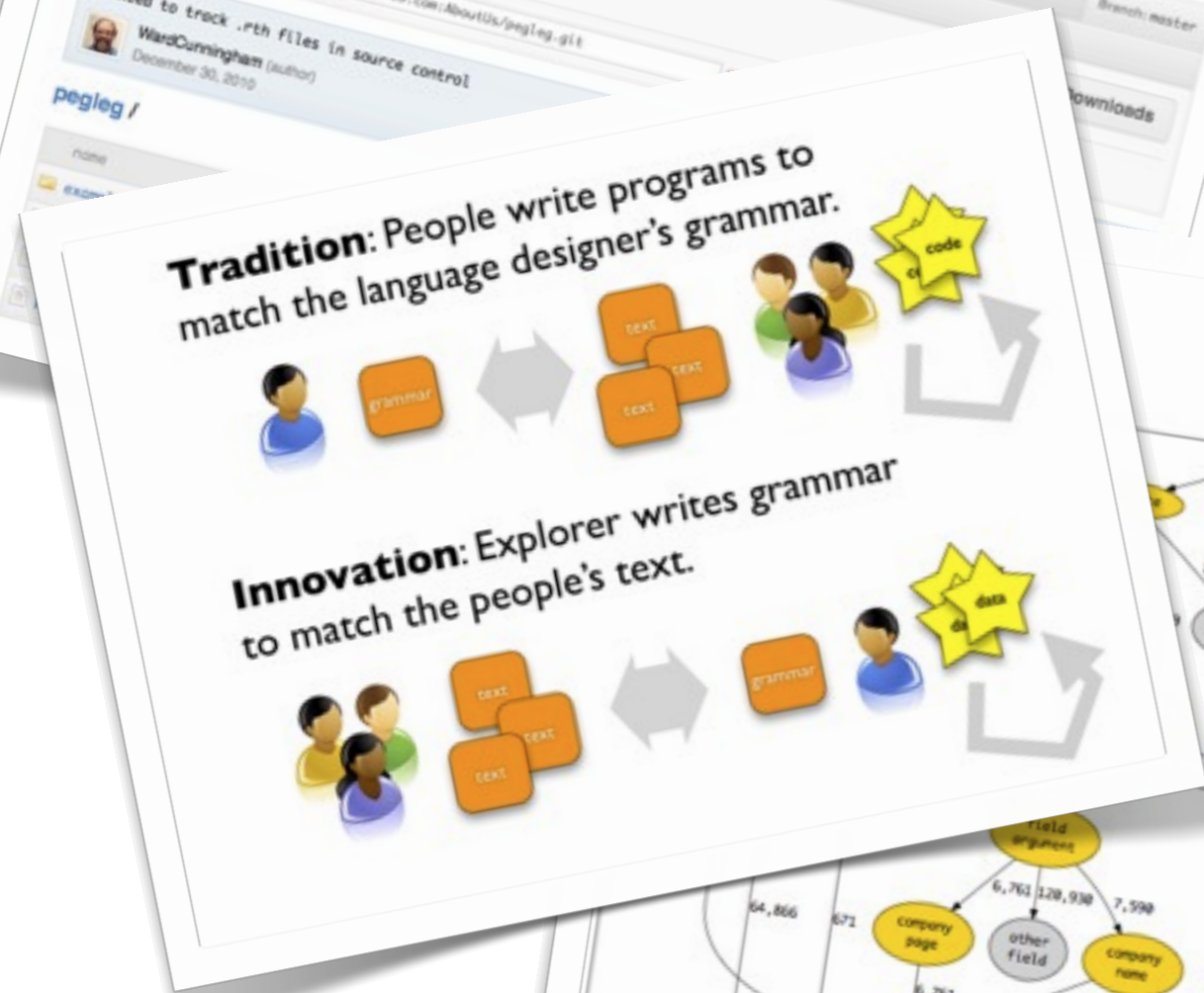
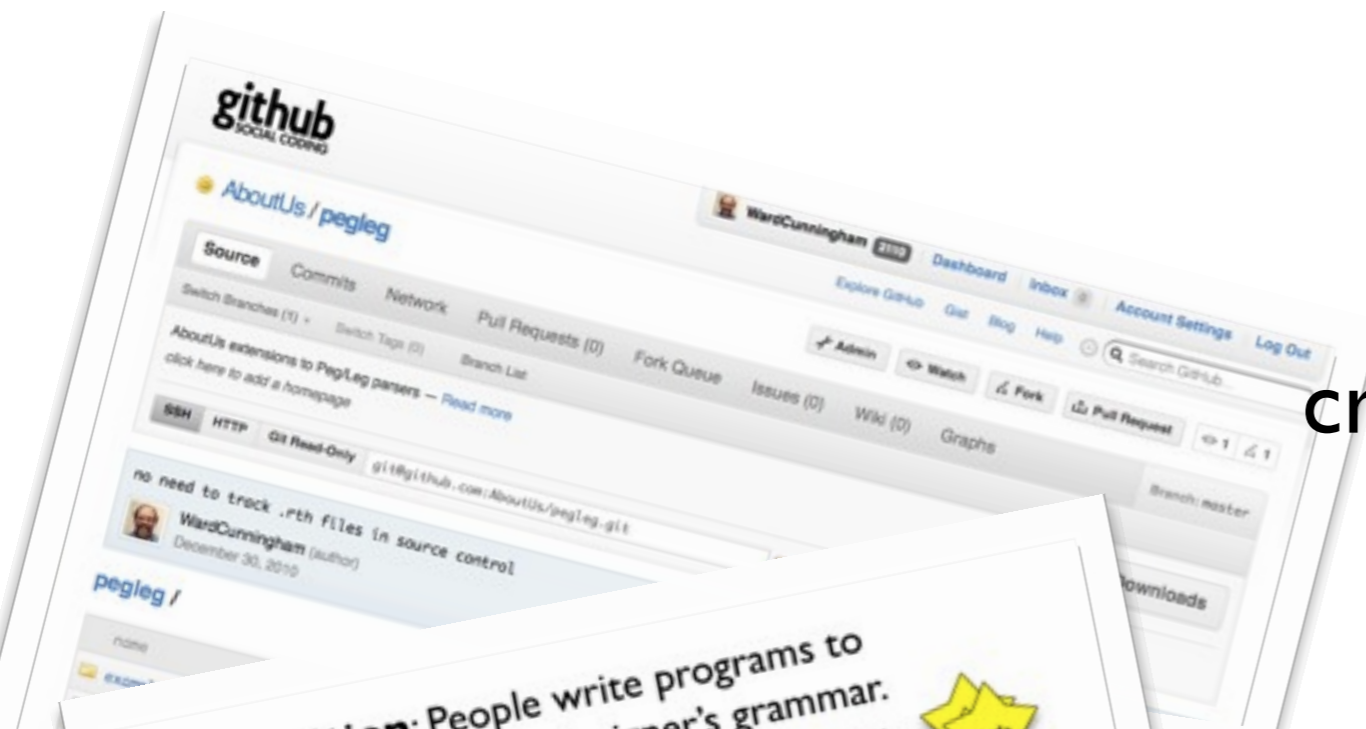


# data mining

<https://github.com/AboutUs/pegleg>

create new method for mining  
semi-structured text

extend open-source parser-  
generator in support of  
method



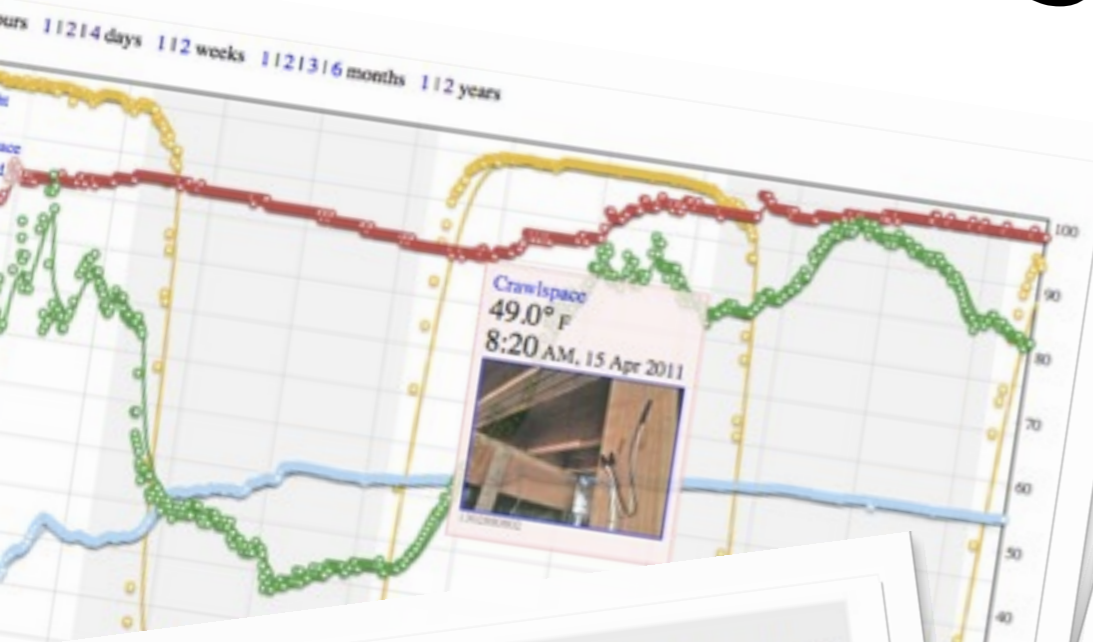


# sensor network

<http://c2.com/ward/arduino/SensorServer/>

created domain-specific language for data collection

browse aggregated historical data in web and mobile devices



94.3%  
Daylight  
a2010



This CdS photocell is taped to a basement window facing out where it is relatively immune to indoor lighting.

51.4%  
Shoplight  
a2011



This CdS cell is located on the workbench next to the arduino running SensorServer. The desk lamp shines directly on it so that will produce the highest values.

55.1%  
Rain  
a2012



This moisture detector is constructed from fabric stretched between brass support which also serve as contacts. The conductance of the wet fabric pulls against a 100k resistor to ground.

114.7v  
Line  
a2013



We're indirectly measuring the ac line voltage through a 12 volt ac wall transformer, a resistive voltage divider, half-wave rectifier and rc filter with time constant of about 1 second. (more)

These forms operate a Teensy microcontroller running the Txtzyme interpreter.

Enter commands

Select a port and pin

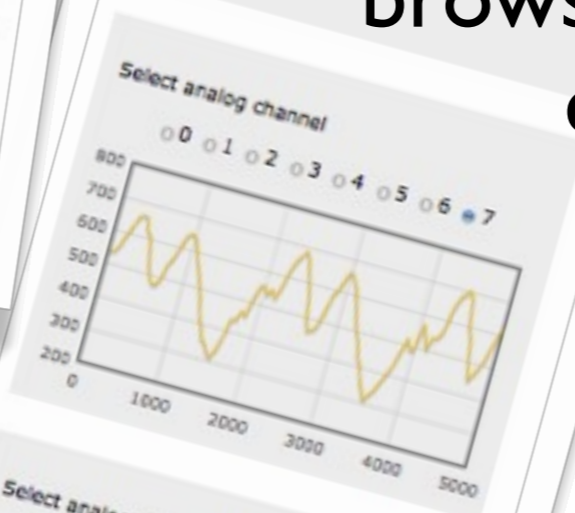
B  C  D  E  F

0  1  2  3  4  5  6  7

Choose input to read, value to write

I  O

0  1



Adjust servo position

# visible workings

<http://blog.jonudell.net/2008/03/04/ward-cunninghams-visible-workings/>

extended test-driven  
development methods to  
enterprise workflow

created transparent  
visualization to expose all  
business processes to every  
stakeholder



The screenshot displays a web application interface for a 'committer election'. The main heading is 'committer election'. Below it, there are several sections and buttons:

- start** (button)
- developert** (section header) with a 'view' button and a 'nominate' button.
- candidate** (section header) with a 'nominated as committer' button.
- foo-dev** (section header) with a 'vote started' button.
- pmcmember** (section header) with a 'result' button.
- developer2** (section header) with a 'result' button.
- technology-pmc** (section header) with a 'pmc approval needed' button.
- emolegal** (section header) with a 'result' button.
- webmaster** (section header) with a 'result' button.

A red arrow points to the 'start' button with the word 'What' written next to it. A modal window titled 'Project Committer - technology.foo' is open, showing a nomination form with fields for 'Nominate', 'Mailing List', and 'Reason for Nomination'. The 'Reason for Nomination' field contains a text block about Karl's skills. Below the modal, there are several 'pmc approved' buttons and 'variation' buttons.



عربي

Беларуская

Български

Català

Deutsch

English

Español

Français

עברית

Íslenska

Italiano

日本語

Nederlands

Norsk

Polski

فارسی

Português Brasileiro

Português Portugal

Română

Русский

Srpski

Svenska

Українська

繁體中文

简体中文

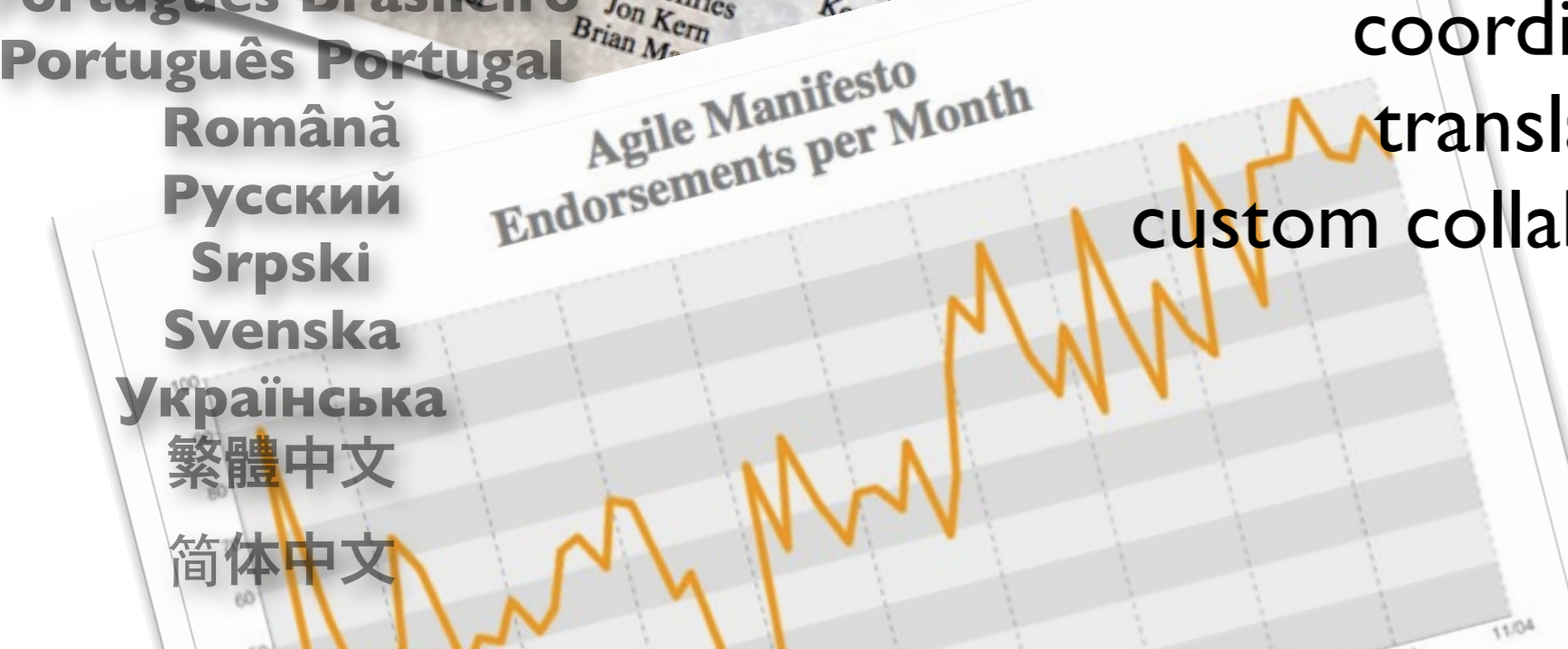
# agile manifesto

<http://www.agilemanifesto.org/>

founded the agile software development movement

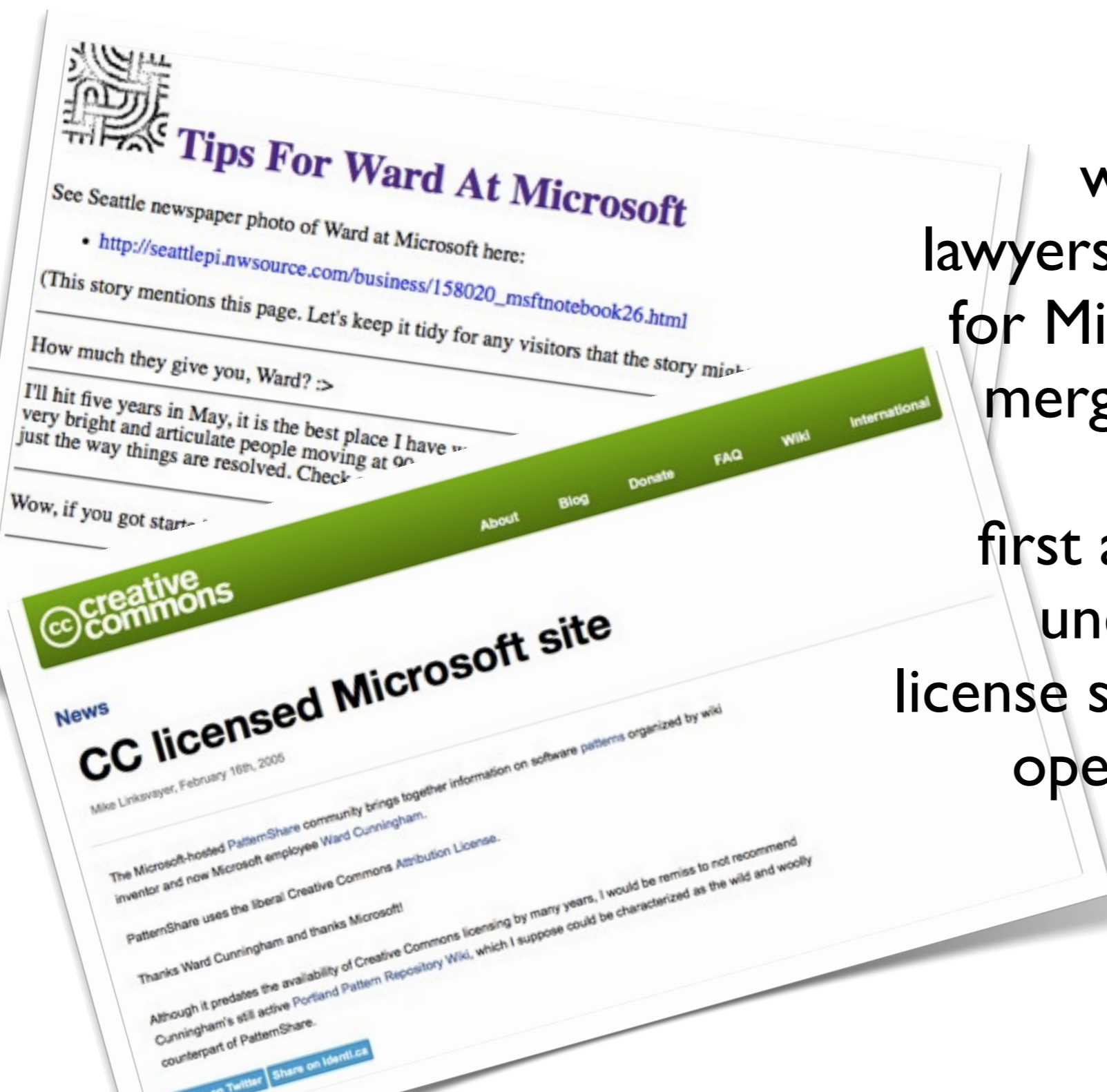
host the manifesto that unites the agile methods

coordinate international translation project with custom collaboration software



# creative commons

<https://creativecommons.org/weblog/entry/5290>



worked with corporate lawyers to develop public site for Microsoft's pattern work merged with that of others

first at Microsoft to publish under creative-commons license softening opposition to open intellectual property



# technical advisor

<http://databasin.org/>

share insights with others  
organized to do good

public and private  
corporations



# media co-creation

<http://www.citizenglobal.com/>

chief technology officer of  
startup devoted to co-creation  
of broadcast video



Deepwater Horizon oil spill



CitizenGlobal helps everyone transform user-generated video into rewarding, high quality media.



Stay informed:  
I would like to stay informed and be notified of  
productions submit your email



# becoming bike oriented

<http://c2.com/~ward/ip7/>

converted car-theft into  
positive life transformation

generalized experience into  
insight shared with community

living car-less by choice in  
Portland and Los Angeles



Title Becoming Bike Oriented  
Speaker Ward Cunningham  
Affiliation AboutUs.org  
URL <http://www.flickr.com/photos/c2com/sets/72157613448927619/>  
Biography My car was stolen last January. The last thing I wanted to deal with was replacing the car. I chose to do without. My car was recovered five months later. Having it show up again was a bit of a nuisance as I am now bike-oriented.  
Description I have been and now am again be bike-oriented.  
My best experience has been to have my bike "disappear" as I became one with the road I traveled. That is, my bike became an extension of myself, a vehicle I operated.  
Modern bicycles are wonderful machines. They should have four or five. I will do it. I will find a new relationship with the temperature, mind, body, and pedals.