

# Design patterns without developers?

Julian Simpson, The Build Doctor Ltd  
<http://www.build-doctor.com>

**Who am I?**

**Why are we here?**

Patterns for developers:  
they're good.

**What about other  
disciplines?**

Others could benefit.

We don't have a GoF  
moment

Some work has been  
done



So let's make a GoF  
moment

Now.

Here's what to do:

# Break into groups

- DBA,
- Sysadmin,
- QA,
- Build Mgr

**You'll have 2 minutes**

Not yet!

We'll spend 40 minutes  
on patterns

I'll come around and  
help



**Then we collect the  
results**

# Existing IT patterns

- 1-Tier Transact
- 2-Tier Transact
- N-Tier Transact
- Client/Server publish
- Web Publish
- Stream Publish
- Realtime Collaborate
- Store and Forward Collaborate
- Structured Collaborate

# Existing Build patterns

- Build Fix Flag
- Checkin Gate
- Movable Checkin Gate
- Chained build
- Facade
- Captured Tool
- Repository
- Independent Build
- Mainline
- Private Build
- Binary Deliverable
- Amnesiac CI build

# Example: Private Build

- AKA “Pre-commit build”
- Reduces build breakage
- At cost of some developer convenience

# Example: Checkin Gate

- Could be post-commit hook
- Or continuous build
- At minimum could be compile
- Or some or all of a test suite

# Template

- Name
- Description
- Intent
- Motivation
- Applicability
- Usage

# Get into groups

- 2 minutes to self organise
- Or I'll do it.
- You wouldn't like that.