what is the role of an architect in an agile organization?
AUGUST 2015

THE AGILE ARCHITECT

Our Experience in Discovering a Successful Pattern

Chris Edwards P.Eng., Principal Software Engineer
Chris.Edwards@ihs.com
Architecture Approach 1: Laissez Faire
how do we incorporate an architect... without sacrificing agile values?
Wanted to avoid this:

- Requirements
- Design
- Code
- Test
- Deploy
Architecture Approach 2: The Architecture Scout
Architecture by Example
what if the architect is WRONG?
how do you know if the architect is WRONG?
\[
\sqrt{\heartsuit} = ? \quad \cos \heartsuit = ? \\
\frac{d}{dx} \heartsuit = ? \quad \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \heartsuit = ? \\
F\{\heartsuit\} = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^{\infty} f(t) e^{it\heartsuit} dt = ?
\]

My normal approach is useless here.
how do I serve the teams without telling them what to do?
These are the two pillars that need to be in place: the technical competence …. and organization clarity.

And you put those things in place and then you can give control.

David Marquet
Architecture Approach 3: The Architecture Coach
Resist the Urge to Provide Solutions

David Marquet
Daily Design Meeting

- 30 minutes
- Technical lead from each team
- Discuss challenges that being encountered
- Exercise is repeated on the team that brought the challenge
the end?
something interesting happened
do we still need an architect?
Final Architecture Approach: Architecting as a Team
leadership skills are vital to an architect’s success
Questions?

Chris Edwards
Chris.Edwards@ihs.com
@AgileChrisYYC