Bad Code Craftsmanship Engineering & Certification

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#### Bad Code: A Crap Oddysey



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# Impeded?

# Deadline? Laziness? Boredom? Job Security?

# The only way to go fast is to go well.

# Boy Scout Rule

#### **Functions?**

### Arguments

# Names

#### Classes

# Duplication

# Craftsmanship

#### manifesto.softwarecraftsmanship.org



As aspiring Software Craftsmen we are raising the bar of professional software development by practicing it and helping others learn the craft. Through this work we have come to value:

Not only working software, but also **well-crafted software** 

Not only responding to change, but also **steadily adding value** 

Not only individuals and interactions, but also **a community of professionals** 

Not only customer collaboration, but also **productive partnerships** 

That is, in pursuit of the items on the left we have found the items on the right to be indispensable.

# Disciplines and the previous Decade.







### QA should find Nothing.

#### Pride of Workmanship

# Convincing others.

## Convincing Management.

# Engineering

# Small Cycles Feedback

# Source code is the Design

#### Patterns

#### Test Bus Imperative

## Software Physics

#### Certification

#### Promise of Professionalism

#### Doctors, Lawyers, Architects

# Over Promise Under Deliver

#### Who Benefits?

# What Employers Want

# So how do we know who's good?

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