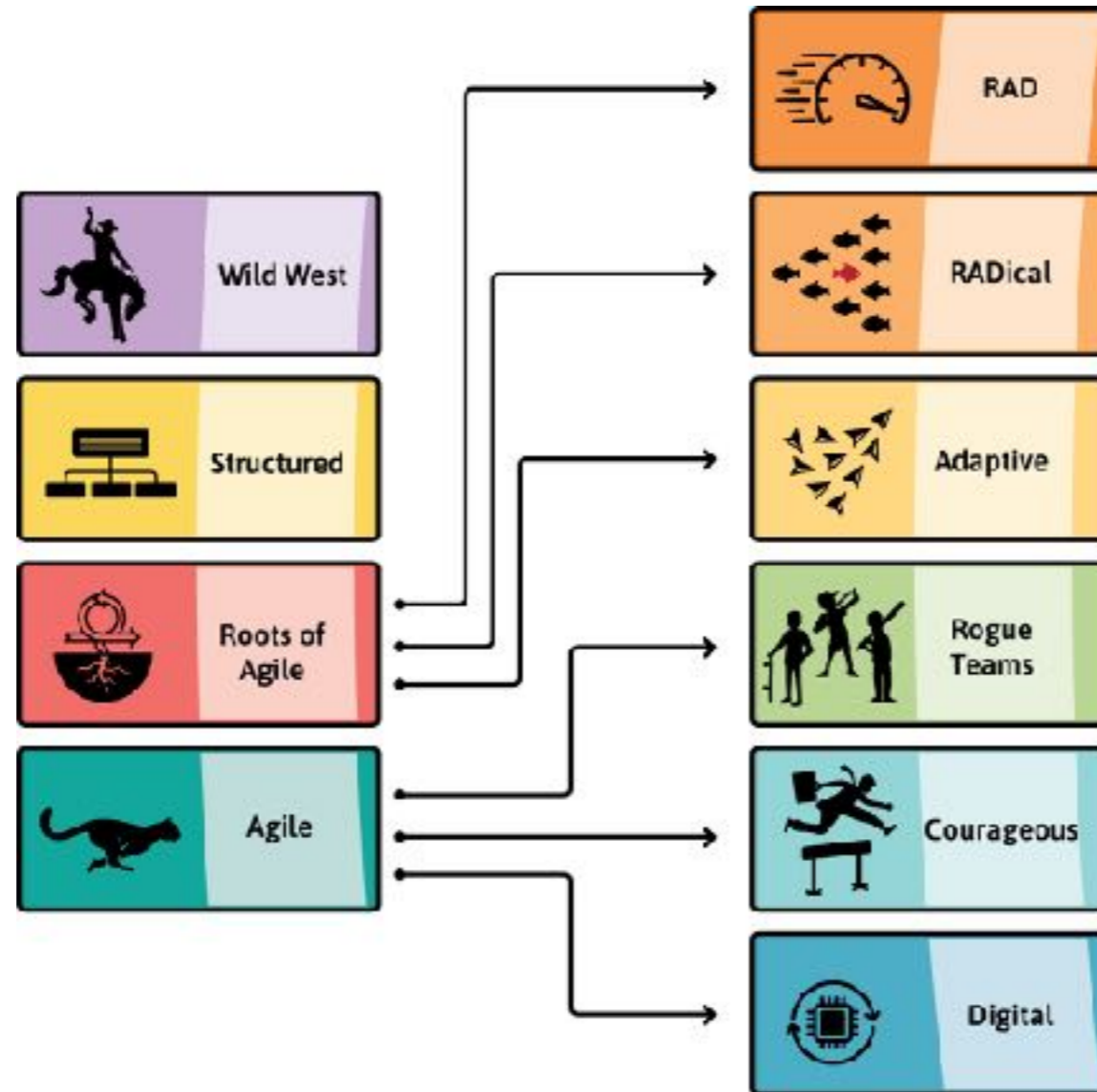
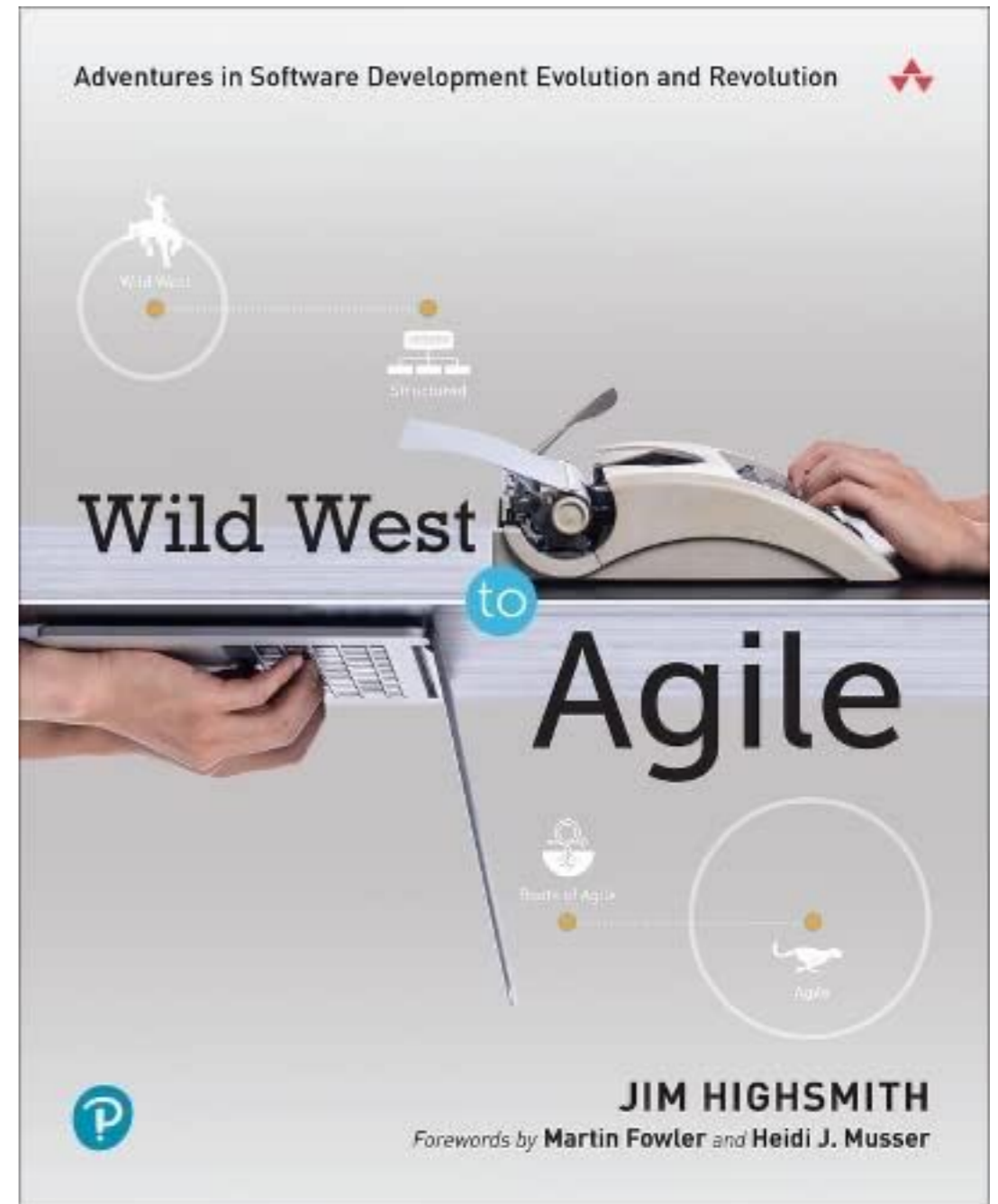


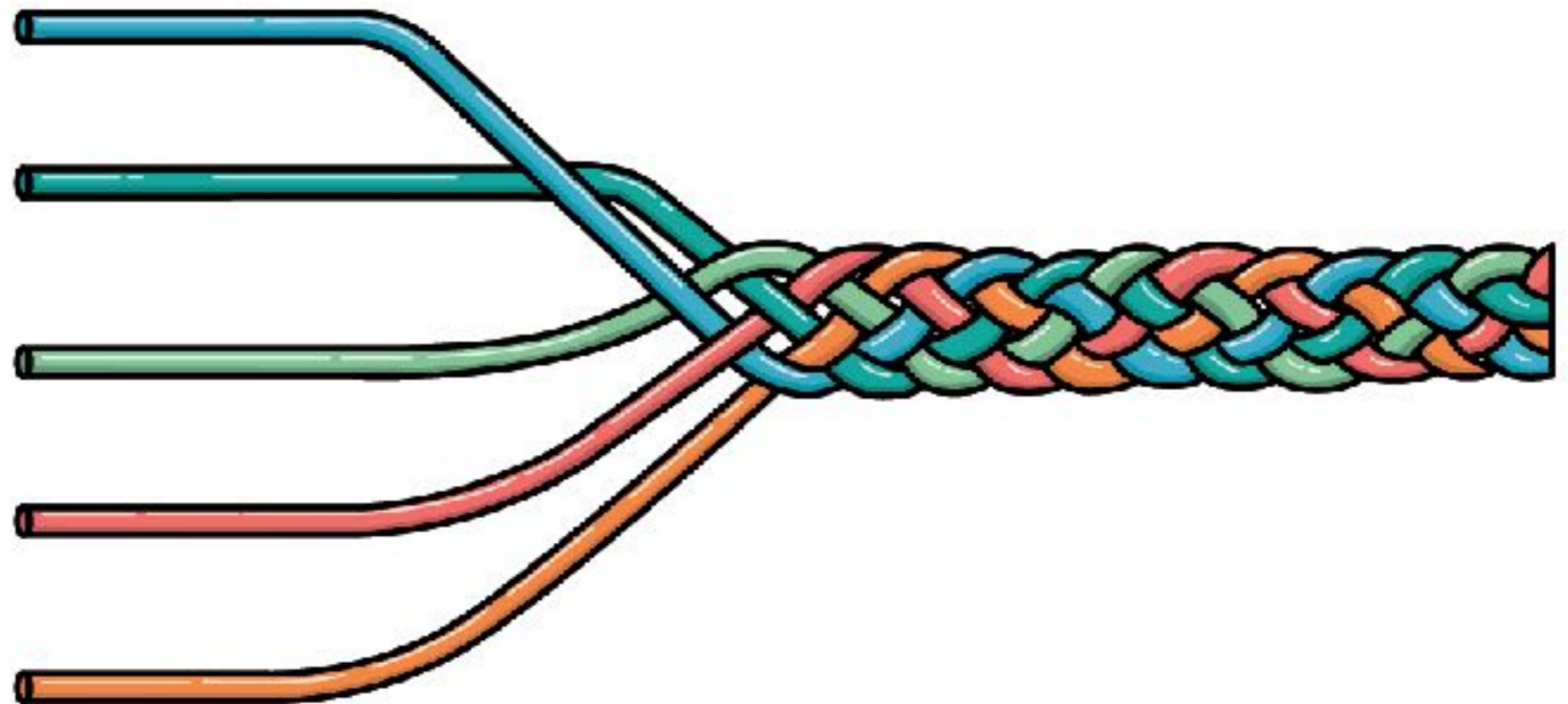
Writing history ...





WILD WEST TO AGILE BRAIDS

- Software Development
- Personal Experience
- Adventurous Pioneers
- Technical Innovation
- Management Trends





Fancis Fukuyama postpones the end of history

THE
NEW YORKER

1. Wild West

The Wild West (1966-1979)

- The World:

The Wild West (1966-1979)

- The World: Beatles, Vietnam War, Flower Power, Oil crisis, Stagflation

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- Technology:

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- Technology: IBM mainframe, DEC mini-computers

The Wild West (1966-1979)

- The World: Beatles, Vietnam War, Flower Power, Oil crisis, Stagflation
- Technology: IBM mainframe, DEC mini-computers
- Software Development: “Figure it out!”
 - Few processes, tools, reference books, training → (RTFM)
- Management Trends: “Plan the work, work the plan”
- Adventurous Pioneers: The Mythical Man Month

2. Structured

Structured Methods and Monumental Methodologies (1980-1989)

- The World:

Requirements

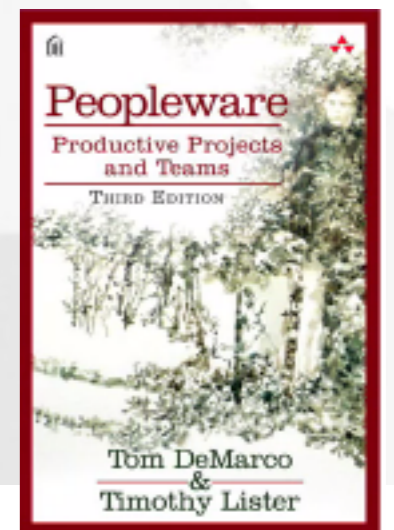
Analysis

Design

Implementation

Testing

Maintenance



Structured Methods and Monumental Methodologies (1980-1989)

Analysis

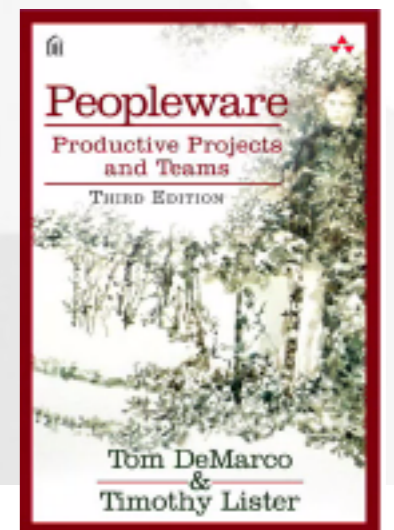
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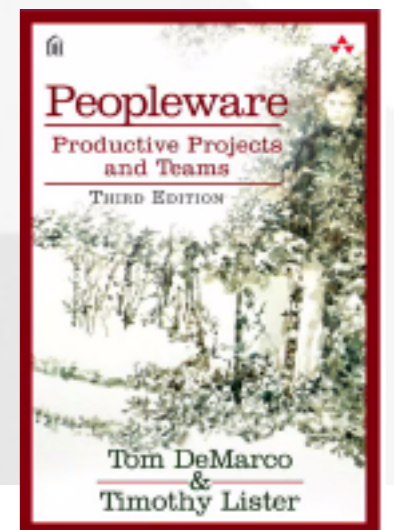
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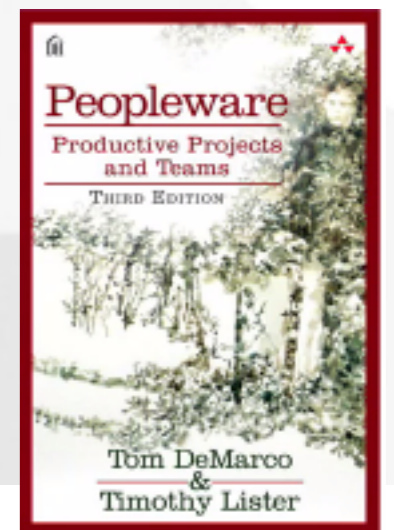
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- Technology: Blockbuster, Sony Walkman, Mini-computers , Green terminals

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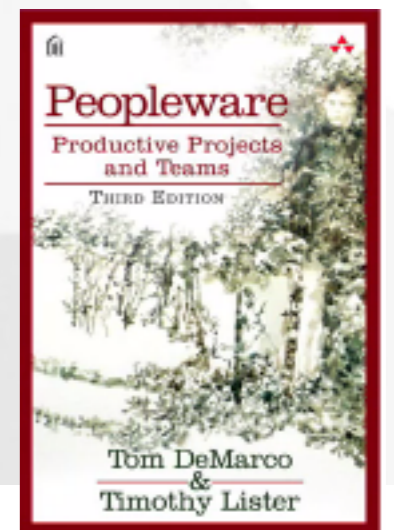
Structured Methods and Monumental Methodologies (1980-1989)

Analysis

- The World: Recession, Reagan, Berlin Wall, MTV
- Technology: Blockbuster, Sony Walkman, Mini-computers , Green terminals
- Software Development: “Get some control and structure”
 - CASE tools, ER-diagrammes, SDLC, PRINCE, CMM, PMI
- Management Trends: Command and control
- Adventurous Pioneers: Peopleware (Tom De Marco), Theory X/Y (Doug McGregor)

Testing

Maintenance



3. Roots of Agile

The Roots of Agile (1990-2000)

- The World:

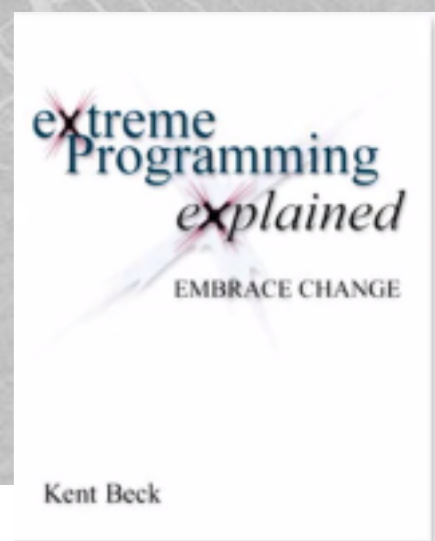


extreme
Programming
explained
EMBRACE CHANGE

Kent Beck

The Roots of Agile (1990-2000)

- The World: End of Cold War, Hip Hop, Jurassic Park



The Roots of Agile (1990-2000)

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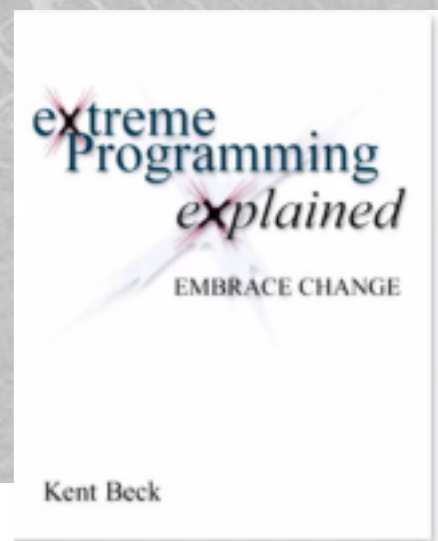


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- Technology: Package Software (ERP, CRM), Internet



The Roots of Agile (1990-2000)

- The World: End of Cold War, Hip Hop, Jurassic Park
- Technology: Package Software (ERP, CRM), Internet
- Software Development: “Take too long, cost too much, don’t meet our needs”
 - RUP, Rapid Application Dev, Adaptive SW Dev, Scrum, XP, DSDM
- Management Trends: Outsourcing, Complex Adaptive Systems
- Adventurous Pioneers: Early Scrum Paper (Schwaber, Sutherland), XP Explained (Kent Beck)



extreme
Programming
explained
EMBRACE CHANGE

Kent Beck

4. Agile

Manifesto for Agile Software Development

The Agile Era (2001-)

- The World:

We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more.

Manifesto for Agile Software Development

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- The World: Sept 11, ENRON, GFC, COVID, Ukraine, Social Media

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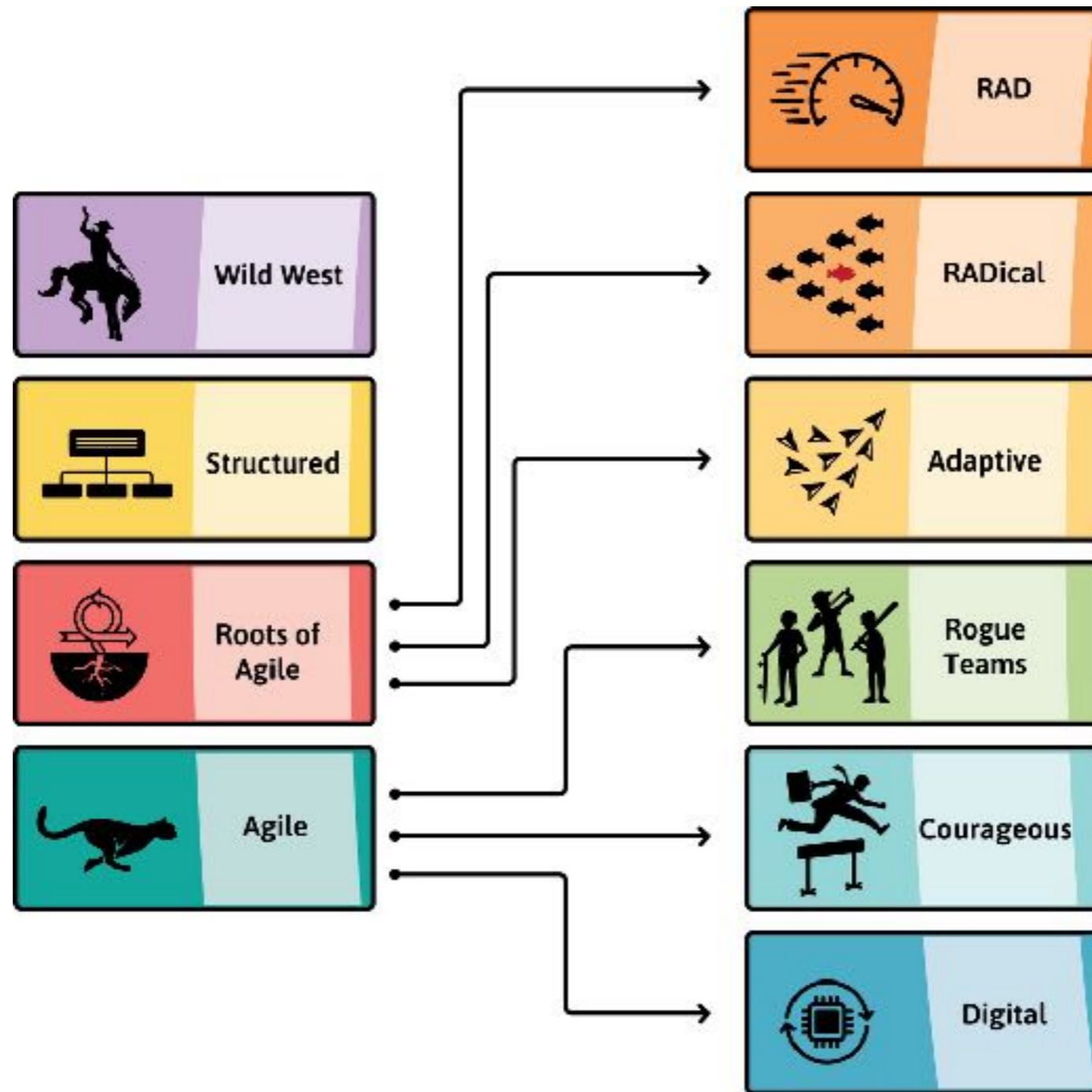
- Agile Era Periods:

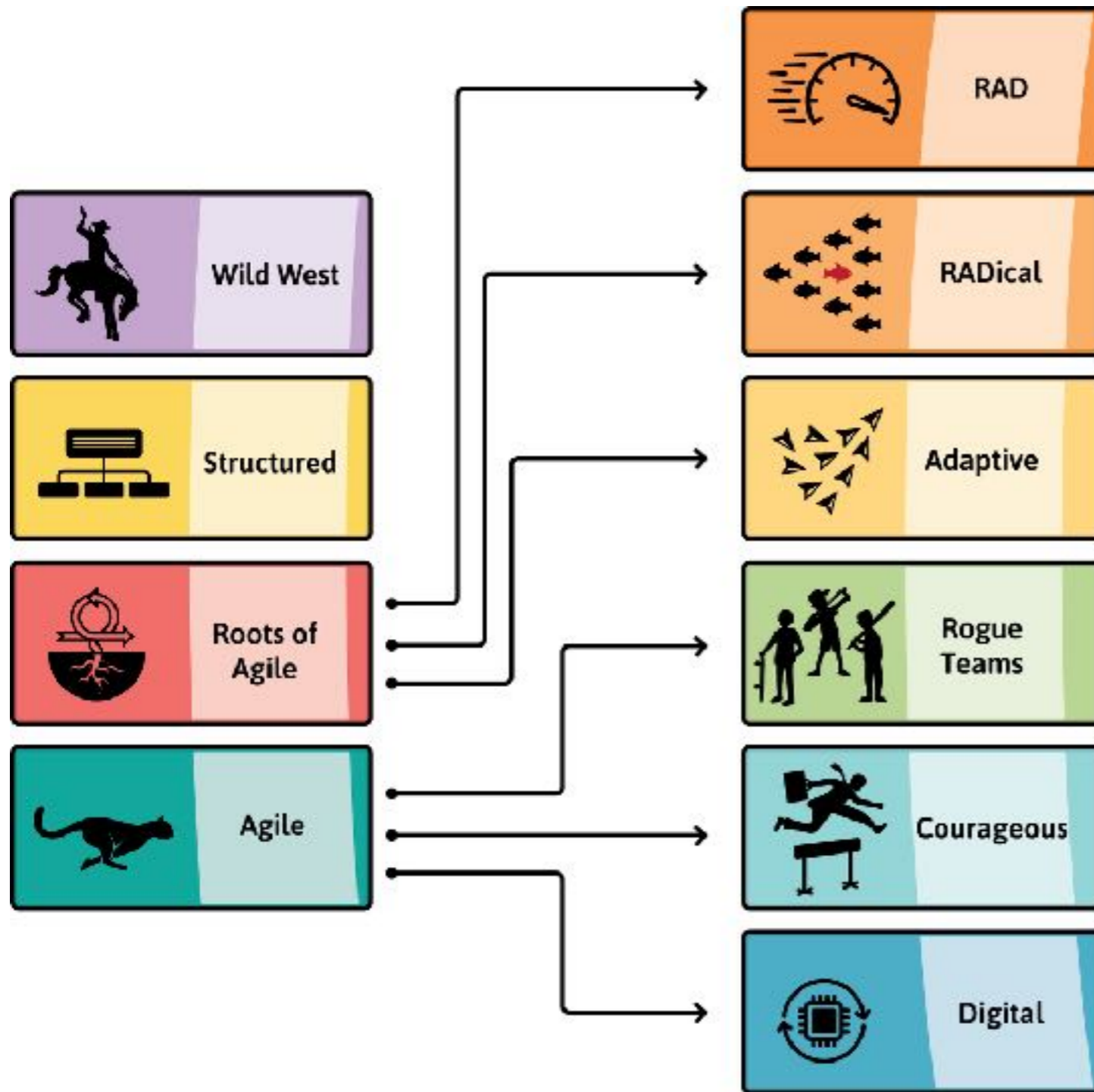
- Rogue Teams (2001-2004)
- Courageous Executives (2005-2010)
- Digital Transformations (2011-)

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5. <WHAT NEXT?>

Writing history ...





Writing history

- Literally write history
- Choose a time frame (5, 10, 20 years)
- Use the braided approach to describe what's next
- Be ready to share back in 10 minutes

(The world, technology, SW development, management trends, adventurous pioneers)

WILD WEST TO AGILE BRAIDS

- Software Development
- Personal Experience
- Adventurous Pioneers
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- Management Trends

