
Actionable Agile Metrics For Predictability

A True Story of Building Leaders by Breaking the Rules

Using Constraints to Unlock Creativity

Team Guide to Metrics for Business Decisions

How Google, Bono, and the Gates Foundation

Rock the World with OKRs

XP 2021 Workshops, Virtual Event, June 14-18,
2021, Revised Selected Papers

The Science of Lean Software and DevOps:

Building and Scaling High Performing Technology
Organizations

Accelerate

Kanban

Agile Software Requirements

The Scrumban [R]Evolution

Agile Leadership Toolkit

Applying Agile and DevOps Principles at Scale

The Art and Wisdom of Changing Teams

Rolling Rocks Downhill

Escape Velocity

Enterprise Agile Coaching

Improv-Ing Agile Teams

Pocket-sized Insights for Software Teams

How to Survive and Thrive in the Age of Digital

Disruption with the Flow Framework
Fit for Purpose
Agile Processes in Software Engineering and
Extreme Programming – Workshops
Discover to Deliver
Kanban from the Inside
Mastering Professional Scrum
How to Measure Project Progress Without
Estimating
Applying the Theory of Constraints for Business
Results
Software Development Metrics
An Introduction
Managing Agile Open-Source Software Projects
with Visual Studio Online
Sustaining Organizational Change Through
Invitational Agile Coaching
Project Management Metrics, KPIs, and
Dashboards
Lean Requirements Practices for Teams,
Programs, and the Enterprise
Agile Product Planning and Analysis
Getting the Most Out of Agile, Scrum, and Lean
Kanban
Accelerate Agile Using Goldratt's TOC
Scrum Shortcuts Without Cutting Corners
Best practices
This is Lean
A Practitioners Guide to Overcoming Challenges
and Maximizing the Benefits of Agility

*Actionable
Agile Metrics
For
Predictability* *Downloaded
from
archive.imba.com
by guest*

BAKER DUNN

A True Story of Building Leaders by Breaking the Rules

Springer

Harold Kerzner's essential strategies on measuring project management performance With the growth of complex projects, stakeholder involvement, and advancements in visual-based technology, metrics and KPIs (key performance indicators) are key factors in evaluating project performance. Dashboard reporting systems provide accessible project performance data, and sharing this vital data in a concise and consistent manner is a

key communication responsibility of all project managers. This third edition of Kerzner's groundbreaking work, *Project Management Metrics, KPIs, and Dashboards: A Guide to Measuring and Monitoring Project Performance*, helps functional managers gain a thorough grasp of what metrics and KPIs are and how to use them. Plus, this edition includes new sections on processing dashboard information, portfolio management PMO and metrics, and BI tool flexibility. • Offers comprehensive coverage of the different dashboard types, design issues, and applications Provides full-color dashboards from some of the most successful project management

companies, including IBM, Microsoft, and others Aligns with PMI's PMBOK® Guide and stresses value-driven project management PPT decks are available by chapter and a test bank will be available for use in seminar presentations and courses Get ready to bolster your awareness of what good metrics management really entails today—and be armed with the knowledge to measure performance more effectively.

Using Constraints to Unlock Creativity

John Wiley & Sons
This book helps the reader translate the Scrum framework into reality to meet the Scrum challenges formal training never warned about. Drawing on his extensive agile

experience in a wide range of projects and environments, the author presents thirty proven, flexible shortcuts for optimizing Scrum processes, actions, and outcomes. Each shortcut walks the reader through applying a Scrum approach to achieve a tangible output. These easy-to-digest, actionable patterns address a broad range of topics including getting started, quality and metrics, team members and roles, managing stakeholders, estimation, continuous improvement and more.

Team Guide to Metrics for Business Decisions Actionable Agile Metrics for Predictability
An Introduction "When will

it be done?" That is probably the first question your customers ask you once you start working on something for them. Think about how many times you have been asked that question. How many times have you ever actually been right? We can debate all we want whether this is a fair question to ask given the tremendous amount of uncertainty in knowledge work, but the truth of the matter is that our customers are going to inquire about completion time whether we like it or not. Which means we need to come up with an accurate way to answer them. The problem is that the forecasting tools that we currently utilize have made us ill-equipped to provide

accurate answers to reasonable customer questions. Until now. Topics Include Why managing for flow is the best strategy for predictability-including an introduction to Little's Law and its implications for flow. A definition of the basic metrics of flow and how to properly visualize those metrics in analytics like Cumulative Flow Diagrams and Scatterplots. Why your process policies are the potentially the biggest reason that you are unpredictable. When Will It Be Done?: Lean-Agile Forecasting to Answer Your Customers' Most Important Question The definitive guide on Lean-Agile forecasting that gives you all the tools you need in order to answer your

customers' most important question. Agile Metrics in Action How to measure and improve team performance Summary Software Development Metrics is a handbook for anyone who needs to track and guide software development and delivery at the team level, such as project managers and team leads. New development practices, including "agile" methodologies like Scrum, have redefined which measurements are most meaningful and under what conditions you can benefit from them. This practical book identifies key characteristics of organizational structure, process models, and development methods

so that you can select the appropriate metrics for your team. It describes the uses, mechanics, and common abuses of a number of metrics that are useful for steering and for monitoring process improvement. The insights and techniques in this book are based entirely on field experience. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book When driving a car, you are less likely to speed, run out of gas, or suffer engine failure because of the measurements the car reports to you about its condition. Development teams, too, are less likely to fail if they are measuring the parameters that matter

to the success of their projects. This book shows you how. Software Development Metrics teaches you how to gather, analyze, and effectively use the metrics that define your organizational structure, process models, and development methods. The insights and examples in this book are based entirely on field experience. You'll learn practical techniques like building tools to track key metrics and developing data-based early warning systems. Along the way, you'll learn which metrics align with different development practices, including traditional and adaptive methods. No formal experience with developing or applying metrics is assumed. What's Inside

Identify the most valuable metrics for your team and process
Differentiate "improvement" from "change"
Learn to interpret and apply the data you gather
Common pitfalls and anti-patterns
About the Author
Dave Nicolette is an organizational transformation consultant, team coach, and trainer. Dave is active in the agile and lean software communities.
Table of Contents
Making metrics useful
Metrics for steering
Metrics for improvement
Putting the metrics to work
Planning predictability
Reporting outward and upward
[How Google, Bono, and the Gates Foundation Rock the World with OKRs](#)
Conflux Books
"Kanban is becoming a popular way to

visualize and limit work-in-progress in software development and information technology work. Teams around the world are adding Kanban around their existing processes to catalyze cultural change and deliver better business agility. David J. Anderson pioneered the Kanban Method. Hear how this happened and what you can do to succeed using Kanban."--
 Publisher's website.
[XP 2021 Workshops, Virtual Event, June 14-18, 2021, Revised Selected Papers](#)
 Rheologica Publishing
 "When will it be done?"
 That is probably the first question your customers ask you once you start working on something for them. Think about how many times you have been

asked that question. How many times have you ever actually been right? We can debate all we want whether this is a fair question to ask given the tremendous amount of uncertainty in knowledge work, but the truth of the matter is that our customers are going to inquire about completion time whether we like it or not. Which means we need to come up with an accurate way to answer them. The problem is that the forecasting tools that we currently utilize have made us ill-equipped to provide accurate answers to reasonable customer questions. Until now.
 Topics Include Why managing for flow is the best strategy for predictability-including an introduction to

Little's Law and its implications for flow. A definition of the basic metrics of flow and how to properly visualize those metrics in analytics like Cumulative Flow Diagrams and Scatterplots. Why your process policies are the potentially the biggest reason that you are unpredictable.

The Science of Lean Software and DevOps: Building and Scaling High Performing Technology Organizations

John Wiley & Sons
A breakthrough approach to managing agile software development, Agile methods might just be the alternative to outsourcing. However, agile development must scale in scope and discipline to be acceptable in the

boardrooms of the Fortune 1000. In Agile Management for Software Engineering, David J. Anderson shows managers how to apply management science to gain the full business benefits of agility through application of the focused approach taught by Eli Goldratt in his Theory of Constraints. Whether you're using XP, Scrum, FDD, or another agile approach, you'll learn how to develop management discipline for all phases of the engineering process, implement realistic financial and production metrics, and focus on building software that delivers maximum customer value and outstanding business results. Coverage includes: Making the

business case for agile methods: practical tools and disciplines How to choose an agile method for your next project Breakthrough application of Critical Chain Project Management and constraint-driven control of the flow of value Defines the four new roles for the agile manager in software projects—and competitive IT organizations Whether you're a development manager, project manager, team leader, or senior IT executive, this book will help you achieve all four of your most urgent challenges: lower cost, faster delivery, improved quality, and focused alignment with the business.

Accelerate Penguin
Xanpan is... a cross between XP and

Kanban... is an example of a roll-your-own method... is distilled from Allan Kelly's own experiences running development teams and then helping multiple teams adopt Agile working methods and practices. Xanpan draws ideas from Kanban and Lean, XP and Scrum, product management and business analysis, and many other places. Allan tells the Xanpan story through a series of boards which tell the story of different teams. In between he fills in the principles, practices and thinking which together constitutes Xanpan. Each printed copy contains a code entitling the buyer to a free copy of the electronic version and subsequent updates.

Kanban IT Revolution

With this ebook, the ALM Rangers share their best practices in managing solution requirements and shipping solutions in an agile environment, an environment where transparency, simplicity, and trust prevail. The ebook is for Agile development teams and their Scrum Masters who want to explore and learn from the authors' "dogfooding" experiences and their continuous adaptation of software requirements management. Product Owners and other stakeholders will also find value in this ebook by learning how they can support their Agile development teams and by gaining an understanding of the constraints of open-

source community projects.

Agile Software Requirements

Leanability Press

"Our job as Scrum professionals is to continually improve our ability to use Scrum to deliver products and services that help customers achieve valuable outcomes. This book will help you to improve your ability to apply Scrum." -From the Foreword by Ken Schwaber, co-author of *Scrum Mastering Professional Scrum* is for anyone who wants to deliver increased value by using Scrum more effectively. Leading Scrum practitioners Stephanie Ockerman and Simon Reindl draw on years of Scrum training and coaching to help you return to first principles

and apply Scrum with the professionalism required to achieve its transformative potential. The authors aim to help you focus on proven Scrum approaches for improving quality, getting and using fast feedback, and becoming more adaptable, instead of “going through the motions” and settling for only modest improvements. Whether you’re a Scrum Master, Development Team member, or Product Owner, you’ll find practical advice for facing challenges with transparency and courage, overcoming a wide array of common challenges, and continually improving your Scrum practice. Realistically assess your current Scrum

practice, and identify areas for improvement
 Recognize what a great Scrum Team looks like and get there
 Focus on “Done”—not “sort-of-Done” or “almost-Done”
 Measure and optimize the value delivered by every Product Increment
 Improve the way you plan, develop, and grow
 Clear away wider organizational impediments to agility and professionalism
 Overcome common misconceptions that stand in the way of progress
 Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.
The Scrumban [R]Evolution
 IT Revolution
 How to always be on time, and not risk

missing important deadlines or go over budget. This book is the result of many years of hard work, and plenty of lessons learned. I wrote it because I believe we can do better than the accepted "status quo" in the software industry. It took me years to learn what I needed to learn to come up with my version of the #NoEstimates approach. You can do it in weeks! The techniques and ideas described here will help you explore the #NoEstimates universe in a very practical and hands-on manner. You will walk through Carmen's story. Carmen is a senior, very experienced project manager who is now confronted with a very difficult project.

One would say, an impossible project. Through the book, and with the help of Herman, Carmen discovers and slowly adopts #NoEstimates which helps her turn that project around. Just like I expect it will help with the project you are in right now. The book also includes many concrete approaches you can use to adopt #NoEstimates, or just adopt those practices on their own. *Agile Leadership Toolkit* Simon and Schuster. As tech giants and startups disrupt every market, those who master large-scale software delivery will define the economic landscape of the 21st century, just as the masters of mass production defined the

landscape in the 20th. Unfortunately, business and technology leaders are woefully ill-equipped to solve the problems posed by digital transformation. At the current rate of disruption, half of S&P 500 companies will be replaced in the next ten years. A new approach is needed. In *Project to Product*, Value Stream Network pioneer and technology business leader Dr. Mik Kersten introduces the Flow Framework—a new way of seeing, measuring, and managing software delivery. The Flow Framework will enable your company's evolution from project-oriented dinosaur to product-centric innovator that thrives in the Age of Software. If you're driving your organization's

transformation at any level, this is the book for you.

Applying Agile and DevOps Principles at Scale Penguin UK

The definitive guide on Lean-Agile forecasting that gives you all the tools you need in order to answer your customers' most important question.

The Art and Wisdom of Changing Teams Blue Hole Press

--- It's May, so guess what? We all survived the Scottish winter! ---

So ... here's 60% off the Kindle version (and 20% off the paperback) until the end of the week, in celebration. A story that sticks

...Rolling Rocks

Downhill is a fast-moving business novel, like Eli Goldratt's classic, "The Goal", where you sit on the shoulders of the

characters and quietly watch as they discover the few - but fundamental - principles which underly successful commercial software development. Faster than you ever thought possible This is NOT a technical book. It doesn't mention "Agile". It doesn't ram techniques and practices down your throat. There are other books for that. Rolling Rocks downhill is a book about delivering software projects ON TIME or, if you choose, EARLY. It's a book about building quality in and then running as FAST as you can. J. B. Rainsberger, author of JUnit Recipes: I don't know how many of my clients would take the time to read "The Goal", but I insist that they read Rolling Rocks

Downhill--it strongly reinforces the essence of Agile software development that has been drowned in an ocean of process manuals, maturity models, and checklists. Just as "The Goal" sought to bring common sense back to manufacturing, so this book seeks to bring common sense back to a software industry that sorely needs it. -- J. B. Rainsberger
Johanna Rothman, author of Jolt Productivity award-winning Manage It! Your Guide to Modern, Pragmatic Project Management: Maybe one of your teammates or someone in management has the bright idea that maybe transitioning to agile or lean will help. Maybe it does in some small way. But, it's not

enough. You're on a death march, iteration by iteration. Or, with your board, you can see that you are making progress, but you're not working "fast enough." Or, you're not delivering what your customers need. You're still trying to "do it all." Why? Because it takes you forever to release anything. You know there's another piece to this. You just don't know what. You need to read Clarke Ching's *Rolling Rocks Downhill*.

Rolling Rocks

Downhill Kt. Academy
Winner of the Shingo
Publication Award
Accelerate your
organization to win in
the marketplace. How
can we apply
technology to drive
business value? For
years, we've been told
that the performance

of software delivery
teams doesn't
matter—that it can't
provide a competitive
advantage to our
companies. Through
four years of
groundbreaking
research to include
data collected from the
State of DevOps
reports conducted with
Puppet, Dr. Nicole
Forsgren, Jez Humble,
and Gene Kim set out
to find a way to
measure software
delivery
performance—and
what drives it—using
rigorous statistical
methods. This book
presents both the
findings and the
science behind that
research, making the
information accessible
for readers to apply in
their own
organizations. Readers
will discover how to
measure the

performance of their teams, and what capabilities they should invest in to drive higher performance. This book is ideal for management at every level.

Escape Velocity IT Revolution

Velocity is the most commonly used metric in agile software delivery. It is also perhaps the least effective metrics in agile software delivery. In "Escape Velocity", Doc Norton makes the topic of tracking data entertaining and shows us how to be more effective in the pursuit of excellent software.

Enterprise Agile Coaching IT Revolution Summary Agile Metrics in Action is a rich resource for agile teams that aim to use metrics to objectively measure performance.

You'll learn how to gather data that really counts, along with how to effectively analyze and act upon the results. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book The iterative nature of agile development is perfect for experience-based, continuous improvement. Tracking systems, test and build tools, source control, continuous integration, and other built-in parts of a project lifecycle throw off a wealth of data you can use to improve your products, processes, and teams. The question is, how to do it? Agile Metrics in Action teaches you how. This practical book is a rich resource for an agile team that

aims to use metrics to objectively measure performance. You'll learn how to gather the data that really count, along with how to effectively analyze and act upon the results. Along the way, you'll discover techniques all team members can use for better individual accountability and team performance. Practices in this book will work with any development process or tool stack. For code-based examples, this book uses Groovy, Grails, and MongoDB.

What's Inside Use the data you generate every day from CI and Scrum to improve communication, productivity, transparency, and morale. Objectively measure performance. Make metrics a natural byproduct of your

development process.

About the Author Christopher Davis has been a software engineer and team leader for over 15 years. He has led numerous teams to successful delivery using agile methodologies.

Table of Contents

PART 1 MEASURING AGILE TEAMS

Measuring agile performance

Observing a live project

PART 2 COLLECTING AND ANALYZING YOUR TEAM'S DATA

Trends and data from project-tracking systems

Trends and data from source control

Trends and data from CI and deployment servers

Data from your production systems

PART 3 APPLYING METRICS TO YOUR TEAMS, PROCESSES, AND SOFTWARE

Working with the data

you're collecting: the sum of the parts
Measuring the technical quality of your software
Publishing metrics
Measuring your team against the agile principles

Improv-Ing Agile

Teams Addison-Wesley Professional
This book is relevant to any kind of business and is currently being used by a number of multi-national companies, including AstraZeneca, Ericsson, Scania and Volvo.

Pocket-sized Insights for Software Teams

John Wiley & Sons
Today's IT workers are drowning in nonstop requests for time, days filled to the brim with meetings, and endless nights spent heroically fixing the latest problems. This churn and burn is creating a

workforce constantly on the edge of burnout. In this timely book, IT time management expert Dominica DeGrandis reveals the real crime of the century—time theft, one of the most costly factors impacting enterprises in their day-to-day operations. Through simple solutions that make work visible, Degrandis helps people round up the five thieves of time and take back their lives with timesaving solutions. Chock-full of exercises, takeaways, real-world examples, colorful diagrams, and an easy-going writing style, readers will quickly learn effective practices to create high-performing workflows within an organization.

How to Survive and

Thrive in the Age of Digital Disruption with the Flow Framework
Addison-Wesley Professional
Practical, Proven Tools for Leading and Empowering High-Performing Agile Teams A leader is like a farmer, who doesn't grow crops by pulling them but instead creates the perfect environment for the crops to grow and thrive. If you lead in organizations that have adopted agile methods, you know it's crucial to create the right environment for your agile teams. Traditional tools such as Gantt charts, detailed plans, and internal KPIs aren't adequate for complex and fast-changing markets, but merely trusting employees and teams to self-manage

is insufficient as well. In Agile Leadership Toolkit, longtime agile leader Peter Koning provides a practical and invaluable steering wheel for agile leaders and their teams. Drawing on his extensive experience helping leaders drive more value from agile, Koning offers a comprehensive toolkit for continuously improving your environment, including structures, metrics, meeting techniques, and governance for creating thriving teams that build disruptive products and services. Koning thoughtfully explains how to lead agile teams at large scale and how team members fit into both the team and the wider organization. Architect environments that help teams learn, grow, and

flourish for the long term Get timely feedback everyone can use to improve Co-create goals focused on the customer, not the internal organization Help teams brainstorm and visualize the value of their work to the customer Facilitate team ownership and accelerate team learning Support culture change, and design healthier team habits Make bigger changes faster This actionable guide is for leaders at all levels—whether you’re supervising your first agile team, responsible for multiple teams, or lead the entire company. Register your book for convenient access to downloads, updates, and/or corrections as they become available.

See inside book for details.

Fit for Purpose

"O'Reilly Media, Inc."

"We need better approaches to understanding and managing software requirements, and Dean provides them in this book. He draws ideas from three very useful intellectual pools: classical management practices, Agile methods, and lean product development. By combining the strengths of these three approaches, he has produced something that works better than any one in isolation." –From the Foreword by Don Reinertsen, President of Reinertsen & Associates; author of *Managing the Design Factory*; and leading expert on rapid

product development Effective requirements discovery and analysis is a critical best practice for serious application development. Until now, however, requirements and Agile methods have rarely coexisted peacefully. For many enterprises considering Agile approaches, the absence of effective and scalable Agile requirements processes has been a showstopper for Agile adoption. In *Agile Software Requirements*, Dean Leffingwell shows exactly how to create effective requirements in Agile environments. Part I presents the “big picture” of Agile requirements in the enterprise, and describes an overall process model for Agile

requirements at the project team, program, and portfolio levels Part II describes a simple and lightweight, yet comprehensive model that Agile project teams can use to manage requirements Part III shows how to develop Agile requirements for complex systems that require the cooperation of multiple teams Part IV guides enterprises in developing Agile requirements for ever-larger “systems of systems,” application suites, and product portfolios This book will help you leverage the benefits of Agile without sacrificing the value of effective requirements discovery and analysis. You’ll find proven solutions you can apply right now—whether you’re a software developer or

tester, executive,
project/program

manager, architect, or
team leader.

Related with Actionable Agile Metrics For
Predictability:

- What Is Haptic Technology : [click here](#)