# List of Possible Books for CSS 566

Below are places that might contain information related to software management. You are welcome to use the list as a starting point AND you are very welcome to locate a book you would prefer to read and review.

Explore a bit. Avoid jumping at the first thing that looks good.

Here are links to some books that might work

* [The Agility Shift](http://pamela-meyer.com/the-agility-shift/), by Pamela Meyer
* [The Age of Agile](https://www.amazon.com/dp/B072J5XPTP/ref=dp-kindle-redirect), by Stephen Denning
* A book on [Positive Psychology](http://ppc.sas.upenn.edu/learn-more/readings-and-videos).
* [Scale: The Universal Laws of Growth, Innovation, Sustainability, and the Pace of Life in Organisms, Cities, Economies, and Companies](https://www.penguinrandomhouse.com/books/314049/scale-by-geoffrey-west/9781594205583/) - speaks to some relations that underlie software systems.
* [Handbook of Service Science (Service Science: Research and Innovations in the Service Economy)](https://www.amazon.com/Handbook-Service-Science-Research-Innovations/dp/B007EMRC80/ref=sr_1_1?s=books&ie=UTF8&qid=1475852258&sr=1-1) - I’ve heard excellent and provocative things about this new discipline and believe it might be an important scientific underpinning of much of software engineering, this but haven’t read this book (set of articles) yet.
* [Simplify: How the Best Businesses in the World Succeed](https://www.amazon.com/Simplify-Best-Businesses-World-Succeed-ebook/dp/B01KEL4G4K/ref=pd_sim_351_3?_encoding=UTF8&psc=1&refRID=YRZK8AXPQWQP8RYXS2TV)
* [Narrative and Numbers: The Value of Stories in Business (Columbia Business School Publishing)](https://www.amazon.com/Narrative-Numbers-Business-Columbia-Publishing-ebook/dp/B01MRWGU4P/ref=pd_sim_351_33?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6)
* [Augmented: Life in The Smart Lane](https://www.amazon.com/Augmented-Life-Smart-Brett-King-ebook/dp/B01GV9OUWW/ref=pd_sim_351_28?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6)
* [The Inevitable: Understanding the 12 Technological Forces That Will Shape Our Future](https://www.amazon.com/Inevitable-Understanding-Technological-Forces-Future-ebook/dp/B016JPTOUG/ref=pd_sim_351_19?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6) - from a fascinating technological visionary, also author of interesting books like [What Technology Wants](https://www.amazon.com/What-Technology-Wants-Kevin-Kelly-ebook/dp/B0043EV51W/ref=sr_1_1?s=digital-text&ie=UTF8&qid=1522428620&sr=1-1&keywords=what+technology+wants&dpID=51-f2xeGsSL&preST=_SY445_QL70_&dpSrc=srch)
* [Thinking in Systems: A Primer](https://www.amazon.com/Thinking-Systems-Donella-H-Meadows-ebook/dp/B005VSRFEA/ref=sr_1_3?s=digital-text&ie=UTF8&qid=1522428702&sr=1-3&keywords=systems+thinking&dpID=51q%252BTMvkNFL&preST=_SY445_QL70_&dpSrc=srch)
* [Ignorance: How It Drives Science](https://www.amazon.com/Ignorance-Drives-Science-Stuart-Firestein-ebook/dp/B007M7HXMC/ref=pd_sim_351_1?_encoding=UTF8&psc=1&refRID=D0DWJ8MGMFQVZJ2TCNVT) and his sequel [Failure: Why Science Is So Successful](https://www.amazon.com/Failure-Why-Science-So-Successful-ebook/dp/B013JWI5KM/ref=pd_sim_351_18?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6)
* [The Agility Shift: Creating Agile and Effective Leaders, Teams, and Organizations](http://pamela-meyer.com/the-agility-shift/) ([Amazon](https://www.amazon.com/Agility-Shift-Creating-Effective-Organizations/dp/1629560707/ref=sr_1_1?ie=UTF8&qid=1431653481&sr=8-1&keywords=the+agility+shift)) - I’ve heard excellent things about this book.
* [User Story Mapping: Discover the Whole Story, Build the Right Product](https://www.amazon.com/User-Story-Mapping-Discover-Product/dp/1491904909/ref=pd_sim_14_7?_encoding=UTF8&pd_rd_i=1491904909&pd_rd_r=T346B302D0Z63XPT7M7F&pd_rd_w=Nswsr&pd_rd_wg=jD0ue&psc=1&refRID=T346B302D0Z63XPT7M7F) - a solid practice that is spreading through the agile community
* [Life 3.0: Being Human in the Age of Artificial Intelligence](https://www.amazon.com/Life-3-0-Being-Artificial-Intelligence-ebook/dp/B06WGNPM7V/ref=pd_sim_351_6?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6)
* [Capitalism without Capital: The Rise of the Intangible Economy](https://www.amazon.com/Capitalism-without-Capital-Intangible-Economy-ebook/dp/B071P3VGHQ/ref=pd_sim_351_1?_encoding=UTF8&psc=1&refRID=M202DXMWA8ZYVE2VX9G6)
* [Will It Fly?: How to Test Your Next Business Idea So You Don't Waste Your Time and Money](https://www.amazon.com/dp/B01BCLPPAK/ref=sspa_dk_detail_3?psc=1)
* [Flow: Get Everyone Moving in the Right Direction...And Loving It](https://www.amazon.com/Flow-Everyone-Moving-Direction-Loving-ebook/dp/B078HVKS9N/ref=pd_sim_351_1?_encoding=UTF8&psc=1&refRID=RTN6TSCD1PQKHZ7R1GRK)
* [The Seven-Day Weekend: Changing the Way Work Work](https://www.amazon.com/Seven-Day-Weekend-Changing-Work-Works-ebook/dp/B000PDYVXE/ref=la_B000APW260_1_2?s=books&ie=UTF8&qid=1522432864&sr=1-2) - a remarkable and visionary way to manage a successful company
* [The 8th Habit: From Effectiveness to Greatness](https://www.amazon.com/dp/B00AYIDTC4/ref=dp-kindle-redirect?_encoding=UTF8&btkr=1)
* [The Turn The Ship Around! Workbook: Implement Intent-Based Leadership In Your Organization](https://www.amazon.com/Turn-Ship-Around-Workbook-Intent-Based/dp/0525534695/ref=la_B008GHTFN2_1_2?s=books&ie=UTF8&qid=1522433013&sr=1-2) a recent workbook based upon his prior [Turn the Ship Around!: A True Story of Turning Followers into Leaders](https://www.amazon.com/Turn-Ship-Around-Turning-Followers-ebook/dp/B00AFPVP0Y/ref=la_B008GHTFN2_1_1?s=books&ie=UTF8&qid=1522433013&sr=1-1)
* [Leading from the Emerging Future: From Ego-System to Eco-System Economie](https://www.amazon.com/gp/product/B00D498U6U?ref=dbs_p2d_P_R_popup_yes_alc_T1)
* [Reinventing Organizations: A Guide to Creating Organizations Inspired by the Next Stage of Human Consciousness](https://www.amazon.com/Reinventing-Organizations-Creating-Inspired-Consciousness-ebook/dp/B00ICS9VI4/ref=la_B00A2YMJ62_1_1?s=books&ie=UTF8&qid=1522433062&sr=1-1)
* [The Obstacle Is the Way: The Timeless Art of Turning Trials into Triumph](https://www.amazon.com/Obstacle-Way-Timeless-Turning-Triumph-ebook/dp/B00G3L1B8K/ref=la_B007LUHFH8_1_2?s=books&ie=UTF8&qid=1522433051&sr=1-2)
* [Getting to "Yes And": The Art of Business Improv](https://www.amazon.com/Getting-Yes-Art-Business-Improv-ebook/dp/B01MZ72HIG/ref=pd_sim_351_2?_encoding=UTF8&psc=1&refRID=2QZ45X1NZ5V5RKD8Q3XC)
* Search for “best management books 2019” and check out the links
* Forbes [Top Ten Business Books For 2017](https://www.forbes.com/sites/shephyken/2017/12/10/top-ten-business-books-for-2017/#64b330ae6710)
* A book from Bill Gates’ [books to read](https://www.gatesnotes.com/Books#All), though many of those might be more challenging to relate to software management
* A book from Random House’s list of [Psychology books](https://www.penguinrandomhouse.com/books/psychology) or [Business books](https://www.penguinrandomhouse.com/books/business)
* Any of [Peter Drucker’s books](https://www.amazon.com/Peter-F.-Drucker/e/B000AP61TE/ref=ntt_aut_sim_1_2) - He died in 2005, but was one of the top management thinkers of his time
* A book from [Stanford Business Books](http://www.sup.org/books/imprints/?imprint=STANFORD%20BUSINESS%20BOOKS)
* [Jerry Weinberg’s books](http://www.geraldmweinberg.com/Site/Home.html)

Suggestions from 2015:

* Books from The [Pragmatic Bookshelf on Agile Practices](https://pragprog.com/titles?f%5Bcategory%5D=practices&f%5Bskill_level%5D=All&f%5Btitle_contains%5D=), e.g.,
  + Ron Jefferies, [The Nature of Software Development](https://pragprog.com/book/rjnsd/the-nature-of-software-development)
* [Human Competence - Engineering Worthy Performance](http://www.amazon.com/Human-Competence-Engineering-Worthy-Performance/dp/0787996157/ref=sr_1_1?s=books&ie=UTF8&qid=1442254907&sr=1-1) by Thomas F. Gilbert
* [Collaborative Intelligence: Thinking with People who Think Differently](http://www.amazon.com/dp/B00N6PEVD8/ref=pe_385040_118058080_TE_M1T1DP) by Dawna Markova
* [Mindware: Tools for Smart Thinking](http://www.amazon.com/dp/B00SSAXRCW/ref=pe_385040_118058080_TE_M1T1DP) by Richard Nisbett
* [Creating the Corporate Future: Plan or Be Planned For](http://www.amazon.com/Creating-Corporate-Future-Plan-Planned/dp/0471090093/ref=sr_1_1?s=books&ie=UTF8&qid=1442255344&sr=1-1) by Russell Ackoff
* *Sprint: How to Solve Big Problems and Test New Ideas in Just Five Days* by Jake Knapp, John Zeratsky, Braden Kowitz ([Amazon](http://gv.cmail20.com/t/j-l-hhlhukl-mkrjljdjy-r/), [Barnes & Noble](http://gv.cmail20.com/t/j-l-hhlhukl-mkrjljdjy-y/), [Books-a-Million](http://gv.cmail20.com/t/j-l-hhlhukl-mkrjljdjy-j/), [IndieBound](http://gv.cmail20.com/t/j-l-hhlhukl-mkrjljdjy-t/), [Powell’s](http://gv.cmail20.com/t/j-l-hhlhukl-mkrjljdjy-i/))
* [The Phoenix Project: A Novel about IT, DevOps, and Helping Your Business Win](http://www.amazon.com/Phoenix-Project-DevOps-Helping-Business/dp/0988262509/ref=sr_1_15?ie=UTF8&qid=1452927731&sr=8-15&keywords=the+goal)
* [The Practice of Cloud System Administration: Designing and Operating Large Distributed Systems, Volume 2](http://the-cloud-book.com/), by Thomas A. Limoncelli, Strata R. Chalup, Christina J. Hogan, 2105. ([podcast](http://www.infoq.com/presentations/resilient-distributed-systems))
* Practice of System and Network Administration, by Thomas A. Limoncelli et al. 2007.
* Fail Better: Radical Ideas from the Practice of Cloud Computing ([talk](http://www.infoq.com/presentations/resilient-distributed-systems)), Tom Limoncelli
* Change Management
  + Theory U
  + Enterprise Transformation, Lean Institute ([animation](https://www.youtube.com/watch?v=oeRXOT8lv0g))
  + Lean WX - the Design of Purposeful Work; design of work experience; critically important new area / term
* Innovation
* LeanUX
* Design Thinking
* DevOps
* Kanban
* Beyond budgeting
  + Anatoli Bourmistrova, Katarina Kaarbøe, [From comfort to stretch zones: A field study of two multinational companies applying “beyond budgeting” ideas](http://isiarticles.com/bundles/Article/pre/pdf/16691.pdf). Management Accounting Research 24 (2013) 196–211.
  + [Beyond Budgeting Institute](http://bbrt.org/).
  + Bjarte Bogsnes, [Implementing Beyond Budgeting](http://smile.amazon.com/Implementing-Beyond-Budgeting-Unlocking-Performance/dp/0470405163/ref=smi_www_rco2_go_smi_1968490082?_encoding=UTF8&*Version*=1&*entries*=0&pf_rd_p=1968490082&pf_rd_s=smile-campaign&pf_rd_t=201&pf_rd_i=0470405163&pf_rd_m=ATVPDKIKX0DER&pf_rd_r=0VGNV3EBK6K8EXYXEJCT).
  + Google scholar [search](https://scholar.google.com/scholar?hl=en&q=beyond+budgeting&btnG=&as_sdt=1%2C48&as_sdtp=)
* Getting better at getting better
* Evolutionary architecture
* Non-traditional management models
  + Matt Mullenweg’s style at Wordpress, et al.
    - Shane Snow, [How Matt’s Machine Works](http://www.fastcolabs.com/3035463/how-matts-machine-works). Fast Company, 2014-09-11.
    - Shane Snow, [Smartcuts: How Hackers, Innovators, and Icons Accelerate Success](http://www.amazon.com/gp/product/0062302450/ref=as_li_tl?ie=UTF8&camp=1789&creative=9325&creativeASIN=0062302450&linkCode=as2&tag=sdsnow-20&linkId=MKXO2TP64Q72OO5Z). Harper Business, 2014.
    - Matt Mullenweg, [The CEO of Automattic on Holding “Auditions” to Build a Strong Team](https://hbr.org/2014/04/the-ceo-of-automattic-on-holding-auditions-to-build-a-strong-team). Harvard Business Review, April 2014.
* Remote-first versus office-first companies
  + Randy Rayess, [Biggest Mistake People Make When Arguing about Remote](http://blog.venturepact.com/biggest-mistake-when-arguing-about-remote-work)  Work. VenturePact, January 12, 2015.
* Measurements. What measurements work well when?
  + A series by Rally Director of Analytics, Larry Maccherone, on “The Seven Deadly Sins of Agile Measurement.” Find Sib #1 [here](https://www.rallydev.com/community/agile/seven-deadly-sins-agile-measurement-introduction-and-sin-1), Sins #2 and #3 [here](https://www.rallydev.com/community/agile/seven-deadly-sins-agile-measurement-sins-2-and-3), #4, #5, and #6 [here](http://www.rallydev.com/community/agile/seven-deadly-sins-agile-measurement-sins-4-5-and-6), and Sin #7 [here](http://www.rallydev.com/community/premise/seven-deadly-sins-agile-measurement-sin-7).
* Performance Management Systems and impact on Knowledge Management
* Lean Thinking as it relates to software development
  + e.g., the [14 Management Principles of The Toyota Way](http://leanblitzconsulting.com/14-principles-of-the-toyota-way/)
* [Jolt Productivity Award](http://www.drdobbs.com/joltawards) winning books (this list was discontinued after 2014)