A Bibliography of the Personal Software Process (PSP) and the Team Software Process (TSP)

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Abstract

Since the early 1990s, widespread use of the Personal Software Process (PSP) and Team Software Process (TSP) has resulted in a substantial body of literature about these methodologies and the experiences of organizations that have used them. This special report provides a bibliography of books, articles, and other literature concerning the PSP and TSP methodologies.
Introduction

In April 1986, in a column in IEEE Spectrum, Watts S. Humphrey asserted that a massive, complex system—specifically the Strategic Defense Initiative—could be programmed with high quality and reliability if it were done by “strong technical teams that use a highly disciplined development process.”

Over the next few years, Humphrey led an effort at the Software Engineering Institute to describe such a process for both individuals and teams. Since the early 1990s, thousands of engineers at organizations worldwide have used the Personal Software Process (PSP) and the Team Software Process (TSP) to produce nearly error-free software programs.

Widespread use of the PSP and TSP has also resulted in a substantial body of literature about these methodologies and the experiences of organizations that have used them. This special report provides a bibliography of books, articles, and other literature concerning the PSP and TSP methodologies.

NOTE: There is an extensive PSP-TSP section on the SEI’s Software Engineering Information Repository (SEIR). Use of the repository is free, but you will need to register and receive a password to use it. (https://seir.sei.cmu.edu/seir/)

For more information about PSP and TSP, visit the TSP section of the SEI website:
http://www.sei.cmu.edu/tsp/
A Bibliography for the Personal Software Process (PSP) and Team Software Process (TSP)

Books
http://www.computer.org/portal/web/csdli doi/10.1109/CSEE.1996.491362

http://www.computer.org/portal/web/csdli doi/10.1109/ICSP.1996.565030

http://www.sei.cmu.edu/library/abstracts/books/0201546108.cfm

http://www.sei.cmu.edu/library/abstracts/books/0201548097.cfm

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http://www.sei.cmu.edu/library/abstracts/books/0321305493.cfm

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**Book Forewords, Chapters, and Sections**


General Publications

2009


Yu, Hongyun; Bao, Xiaohong; & Yang, Shunkun. “Research and Improvement of Team Software Process,” 654-658. 2009 WRI World Congress on Computer Science and Information Engineering, Los Angeles, CA (March 2009).


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Miller, Phil. “An SEI Process Improvement Path to Software Quality.” 6th International Conference on the Quality of Information and Communications Technology (QUATIC 2007), Lisbon, Portugal (September 2007).
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Ding, Liping; Yang, Qiusong; Sun, Liang; Tong, Jie; & Wang, Yongji. “Evaluation of the Capability of Personal Software Process Based on Data Envelopment Analysis” 235-248. Unifying the Software Process Spectrum, International Software Process Workshop, SPW 2005. Revised Selected Papers (Lecture Notes in Computer Science 3840), Beijing, China (May 2005).


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Hefley, Bill; Schwalb, Jeff; & Pracchia, Lisa. “AV-8B’s Experience Using the TSP to Accelerate SW-CMM Adoption.” *CrossTalk* (September 2002).


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Leslie Goff. “School’s in for Summer (Summer Courses for IS Professionals).” *Computerworld*, 31, 18 (May 1997): 76.


**1996**


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Since the early 1990s, widespread use of the Personal Software Process (PSP) and Team Software Process (TSP) has resulted in a substantial body of literature about these methodologies and the experiences of organizations that have used them. This special report provides a bibliography of books, articles, and other literature concerning the PSP and TSP methodologies.