



Update: Better Scientific Software

Dedicated to improving developer productivity and software sustainability for CSE

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SC18 BOF: Software Engineering and Reuse in Computational Science and Engineering

> New blog article ... SC18: Does That Stand for "Software Conference"?



<https://bssw.io>

Better Scientific Software (BSSw)

Scientific software has emerged as an essential discipline in its own right. Because computational models, computer architectures, and scientific software projects have become extremely complex, the Computational Science & Engineering (CSE) community now has a unique opportunity—and an implicit mandate—to address pressing challenges in scientific software productivity, quality, and sustainability.

Collaborative content development on general topics related to developer productivity and software sustainability for CSE

We want and *need* contributions from the community ... Join us!

GET ORIENTED

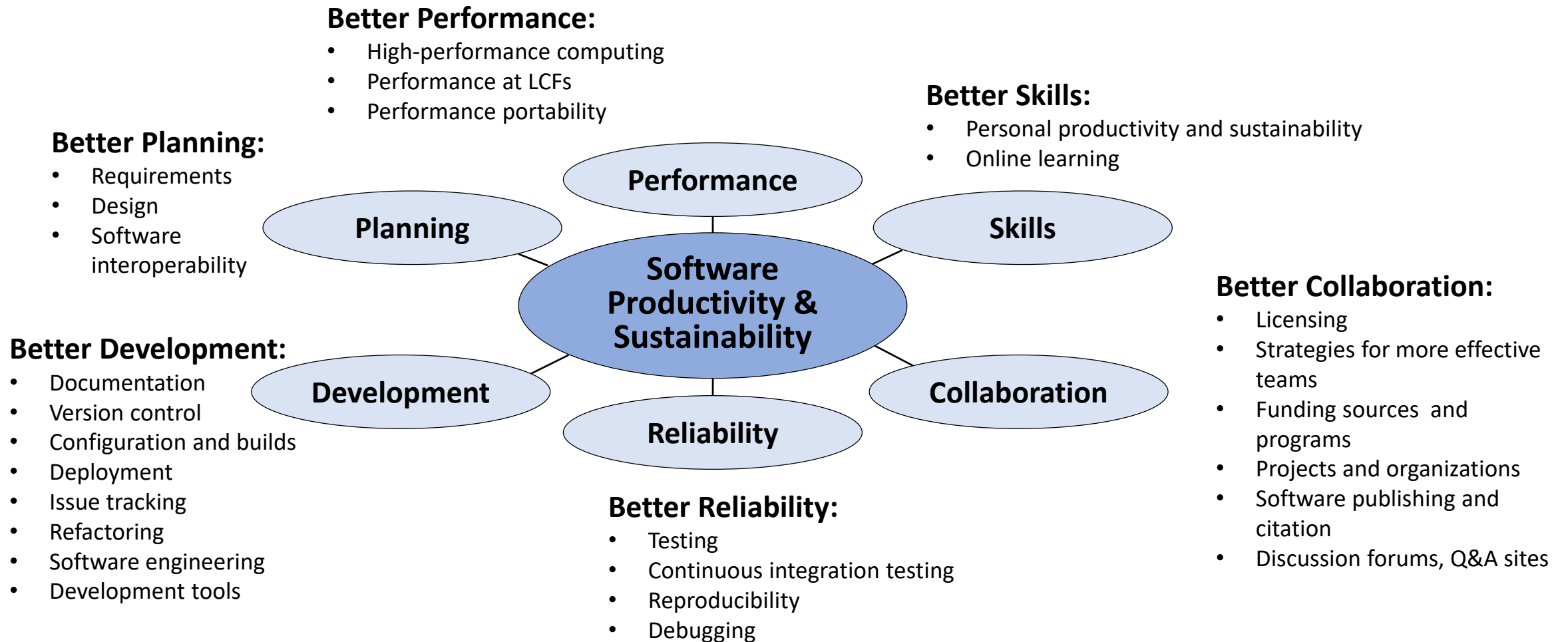
Communities Overview

Site Overview

Intro To CSE

Intro To HPC

Resource Topics





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Types of Content

- **"What Is" document:** Define terms and concepts in a particular topic area.
- **"How To" document:** A document that describes a process for improving productivity and sustainability.
- **Original experience:** An original article to inform the CSE community about how to improve developer productivity and software sustainability.
- **Blog article:** An original article in the form of a blog of 250 - 500 words. We will solicit contributions from thought leaders in the community and welcome proposals from anyone.
- **Curated links:** A brief article that highlights other web-based articles or content. Your article should describe why the CSE community might find value.
- **Event:** A brief description of an event relevant to better scientific software.

In-scope Content

- General issues in productivity and sustainability that overlap with common challenges faced in the CSE software community.
- General tools for productivity and sustainability that can be widely used by CSE developers.
- Characterization of challenges and solutions that may be particularly valuable to the CSE community.

Highlight Connections to CSE

- How your topic intersects with themes that are of particular interest to CSE, for example MPI, Fortran, C++, architectures, modeling and simulation.
- Why your topic could be of particular interest to CSE.

Ease of Adoption and Use

- Address how easy or hard it is to benefit from your topic.
- Address who would be particularly interested in the topic.

We need your input! Contribute to BSSw!
<https://bssw.io>



Tech tattoo