What is BSSw?
A new community-driven resource for scientific software improvement exchange.

What is BSSw?
A central hub for sharing information on practices, techniques, experiences, and tools to improve developer productivity and software sustainability for computational science and engineering (CSE).

BSw Resources
The BSSw site features curated content, experiences, and reasoned insights on topics related to software productivity and sustainability for computational science and engineering (CSE).

BSw Communities
The BSSw umbrella encompasses a rich variety of communities who are working to advance the methods, practices, and processes of CSE software.

Contributions
We want and need contributions from the community to build the site into a vibrant resource. Join us!

What to contribute: content types
- Curated links: Brief article that highlights other web-based articles or content.
- "How To" document: Define terms and concepts in a particular topic area.
- Original experience: An original article to inform the CSE community about how to improve developer productivity and software sustainability.

What to contribute: content scope
- In-scope content: General issues in productivity and sustainability that can be widely used by CSE developers.
- Out-of-scope content: General tools for productivity and sustainability that can be particularly valuable to the CSE community.

How to contribute
If you have experience or expertise that can help other scientific software teams, we encourage you to contribute. See https://bssw.io and click on 'Contribute to BSSw'.

In your content a good fit? Before writing your contribution, create a GitHub issue in the BSSw repository to briefly describe your proposed contribution. A member of the BSSw editorial board will help refine your idea to fit BSSw.

Create your contribution: Once you and the editor converge, create your contribution and do a GitHub pull request. After review by our editorial board, we'll post your contribution on BSSw.

Note that GitHub has a convenient web-based Markdown editor that makes it easy to create your content online in a fork of the repository.

BSw Fellowship Program
Gives recognition and funding to leaders and advocates of high-quality scientific software.

Goal: Foster and promote practices, processes, and tools to improve developer productivity and software sustainability of scientific codes.

Awards: We select at least three Fellows per year and honorable mentions as appropriate. Each Fellow is awarded up to $10,000 for an activity that promotes better scientific software. Activities can include organizing a workshop, preparing a tutorial, or creating content to engage the scientific software community.

Applications: We will begin accepting applications for 2019 BSSw Fellowships during the fall of 2018. Sign up for email updates at https://bssw.io.

BSw Site platform
What are BSSw goals?
- Raise awareness of software challenges as high-end computing heads to extreme scales.
- Emphasize the importance of good software practices to scientific productivity and to the quality and reliability of computationally-based scientific results.
- Help CSE researchers increase effectiveness as well as leverage and impact.
- Facilitate CSE collaboration via software in order to advance scientific discoveries.

How can I use the BSSw site?
- Find information on scientific software topics.
- Contribute new resources based on your experiences.
- Create content tailored to the unique needs and perspectives of a focused scientific domain.

What are the BSSw goals?
- To advance the methods, practices, and processes of CSE software.
- To improve the site experience and curate site content, with growing contribution from scientific software teams, we encourage you to contribute.

What to contribute: content types
- Curated links: Brief article that highlights other web-based articles or content.
- "How To" document: Define terms and concepts in a particular topic area.
- Original experience: An original article to inform the CSE community about how to improve developer productivity and software sustainability.

What to contribute: content scope
- In-scope content: General issues in productivity and sustainability that overlap with common challenges faced in the CSE software community.
- Out-of-scope content: General tools for productivity and sustainability that can be particularly valuable to the CSE community.

Highlight connections to CSE: Address how your topic intersects with themes of particular interest to CSE, such as MPI, Fortran, C++, architectures, modeling and simulation.

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.