TuitusCI

Steering Committee Meeting

Date and Venue:

- January 10, 2023, 9 AM - 11 AM, TACC.

Members:

- Dan Stanzione, TACC, UT Austin
- Ellen Rathje, DesignSafe, UT Austin
- Krishna Kumar, PI - Tuitus, UT Austin

Discussion:

- Selection of the first Leadership and Steering Committee. The Steering Committee will include Dan Stanzione, Ellen Rathje, Krishna Kumar, Clint Dawson, and Scott Brandenberg. We include Prof Dawson at Aerospace Engineering and Engineering Mechanics, University of Texas at Austin for his contributions to the ADCIRC software development and Prof Scott Brandenberg, University of California at Los Angeles for his contributions to the Next Generation Liquefaction Database.

- Recently, deployment of ADCIRC on DesignSafe applications portal has experienced issues with deployment and is lagging behind the latest version available. The issue is the lack of CI testing and automated builds for deployment. *Suggestions:* Create a Tuitus CI Product workflow and pipeline for automation of builds and testing of NHE software.

- Suggested creating a Product Management Team lead by Dr. Joe Stubbs at TACC to develop the Tuitus CI pipeline built on TACC TAPIS. The Product Management Team will meet regularly to track the progress of the CI pipeline development and update Dr. Kumar. The team will develop a roadmap and a plan for publication.

- The importance of implementing a Code of Conduct (CoC) for our community was discussed. The consensus was that a CoC is essential to foster a welcoming and inclusive environment for all members. It provides clear guidelines on acceptable behaviors, ensuring that everyone, regardless of their background, feels respected and valued. Moreover, a CoC offers a structured framework for addressing any conflicts or issues, safeguarding the reputation of our community. By setting a professional standard and promoting diversity and inclusion, we believe that a CoC will not only enhance productivity but also reflect and reinforce the core values we stand for, ensuring the healthy growth and sustainability of our community.

- Members highlighted the myriad benefits of joining Google Summer of Code (GSOC), emphasizing its potential to attract young talent, foster innovation, and enhance our project's visibility within the global developer community. The plan proposed was to initially participate through NumFOCUS this year, leveraging their established framework and reputation. This approach would provide us with invaluable experience and insights into the GSoC process. Furthermore, it was agreed upon that in subsequent years, we should aim to participate as a separate organization, allowing us greater autonomy and the opportunity to tailor our involvement more closely to our specific goals and needs. The overarching sentiment was that GSoC participation would be a strategic move to bolster our community's growth and development.

- The idea of organizing a hackathon was also introduced during our deliberations. Members recognized the potential of hackathons to stimulate creativity, foster collaboration, and accelerate the development of innovative solutions. The benefits of such an event include increased user engagement, community building, and the rapid prototyping of ideas. However, the challenges associated with initiating a new hackathon were also acknowledged, such as logistical complexities, resource allocation, and ensuring meaningful participation. To mitigate these challenges, it was proposed that we leverage the existing hack on NHERI Computational Academy, an initiative organized by DesignSafe and SimCenter. By partnering with

them, we can tap into their established framework, resources, and audience. This collaboration would not only ease our entry into hosting such events but also amplify our reach, enabling us to attract more users and solidify our community. The consensus was that while creating and running a new hackathon presents its set of challenges, partnering with established entities like DesignSafe and SimCenter offers a strategic advantage and a smoother path to success.