



- Project Name

Boeing-CSULB Partnership

- Project Managers

Richard Wang (CSULB)

- Project Definition

Join forces with Boeing to work on an open source project that will be integrated into the C-17 systems.

- Project Scope

Software engineering used for Boeing's Space, Defense, & Security Division.

- Project Goals

Develop an open source project to be used for the C-17; build strong and long-lasting relationships with Boeing; and strengthen our relationship with our computer engineering cousin, EAT.

- Project Dependencies

Java or C++, Linux Embedded OS, Teamwork from all three participating organizations.

• Project Team

Boeing, EAT, and ACM.

ACM: Richard Wang, Yohei Takayama, Punravee Cherngchaosil, Alex Chavez, and Rachana Koy, Donald Herman, and Andrew Meredith.

• Project Stakeholders

Robert Santoso (Boeing), Alex Ortix (CSULB), Boeing, CSULB, and the military (Air Force to be more accurate).

• Project Phases

1. Design the software.
2. Discuss all functional requirements with Boeing.
3. Code
4. Test and Validate
5. Revise Code
6. Submit Reports to Boeing
7. Test and Validate
8. Discuss Current Functionality with Boeing
9. Test and Validate

• Project Time Line

Project Introduction	Complete
Software Design/Requirements	In Progress
Coding	Incomplete

• Project Challenges

Time management, software debugging, code reviews, complex designing problems, and communication.