

Small Group Exercise: V&V and Peer Reviews

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2018-01-31

Activity Kind

Small group exercise

Purpose

The purpose of this exercise is to further develop and understanding of what a V&V is and whether or not a peer review can accomplish the role of a V&V.

Pre-requisite

Students are expected to have done the following:

1. Read - Verification, Validation, and Peer Reviews

Tasking

Students are partitioned in to groups of two to three students. Each small group works together to answer the following questions and places the questions and their answers into their personal ENB for submission this evening.

1. Is it possible for a program to pass a verification and fail the validation? If so explain. If not explain why not. Why might this situation lead to problems?
2. Is it possible for a program to pass a validation and fail the verification? If so explain. If not explain why not. Why might this situation lead to problems?
3. Can a peer review perform a V&V. If not, explain why? If so, explain how it can be done.

Deliverable

Each student is responsible for placing the questions and answers into their ENB for this activity.

Submission

The students must produce and submit their ENB by the end of the day.