

Configuration Management Study

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Configuration Management (CM) is the discipline for managing the evolution of a system during all stages of development. The responsibilities of CM include configuration identification, control, and auditing. One of the two tasks at hand was to hand check the network, hardware, and software configurations, compare them with current configuration diagrams and lists, determine which was the preferred and correct the other. All changes were documented and the current diagrams and lists were updated to include more information about the configurations. I also created an image database of all new equipment. The next task was to determine a working configuration for a system of hardware that had no previous documentation. This included ascertaining what the components do, determining their compatibility, drawing up a schematic of the connections, and writing up a requirements list of what is needed. With these steps of configuration management, someone new obtaining this equipment would be able to reproduce the configuration and would be saved the trouble of reengineering this system.



Mark Elies is finishing up his sophomore year at Maui Community College and will be receiving his Associate of Science degree in Computer Engineering. He is planning to continue on to a university to get a degree in Computer Science or Engineering. His interests are computer graphics, programming and engineering and he has been working as a graphic artist for the past 6 years to fund his education.