

CS130 – IBM Tech Center
Activity Tracking/Inventory Project
April, 2010

Overview:

The IBM Costa Mesa Technical Exploration Center (CM-Tec) has been designed to provide an environment where IBM customers can discover the true value of IBM software in a hands-on environment. To support this mission the CM-Tec is available for IBM technical professionals to conduct a Proof of Concept (POC) for a specific software product like DB2, host a Proof of Technology session where IBM customers are invited to spend a day getting experiences with IBM software through a combination of discussions and hands-on exercises, or a technical can request a demo environment where software can be loaded and demoed at the customer site through the an internet connection. The CM-Tec supports these activities for IBM locations in Southern California, Arizona, Nevada, and Utah. Often the POTs will be conducted at a remote location so equipment (usually PCs) must be shipped to the requesting location.

The people who run the CM-Tec need assistance to track the various requested CM-Tec activities to ensure the required tasks, equipment setup, and track hardware inventory. While there is an application that supports the IBM technical professional to request services from the CM-Tec there is not an application to track the execution of these requests or to manage the hardware inventory.

Project Definition

Develop an Activity/Inventory tracking system for the CM-Tec. The Tracking system, through a Web Application, will accept activity requests from the source system, store the request in a database, and provide the user the ability to track and change the status of a request as it moves through it's phase till completion. The Inventory Tracking system will maintain the inventory of assets, through a Bar Code reader, track the outgoing and in coming of assets (usually PCs) as they are sent and returned from the IBM locations. Additionally, the integration of the Tracking and Inventory systems will provide reporting such that when a POT request is received, inventory is check to determine if enough PCs are available to support this request.

Standard reporting would also be required, can be Web Based, to for both the tracking and inventory systems.