

Other Information About Me

- > Kyle Romero
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IT Administration

- > I administer the following machines:
 - 2 Windows Server 2008 Machines
 - Masktooling and Plasma Trace
 - 2 Windows Sever 2003 Virtual Machines
 - Germany and Malaysia
 - 4 Red Hat Enterprise Linux boxes
 - Production boxes for Mask Tooling department
 - I am still a novice at Linux administration
 - 1 Red Hat Enterprise VPN box
 - This is used by our California site to access our data through Junos VPN
- > I have created a comprehensive disaster recovery plan for my servers
 - Windows Server boxes:
 - Mirrored Drives
 - Shadow copy drives
 - Disaster recovery document
 - Off-server DB backups
 - Snapshot replication backups of critical DBs
 - RHEL boxes
 - Master system image made using clonezilla
 - All boxes use identical hardware

Software Development

- > I have incorporated SVN version control into all of my development
 - TortoiseSVN + AnkhSVN
 - Allows code backups and versioning. More for my own protection since I am the only developer on my projects
- > I have experimented with Unit Testing, however, I do not have extensive experience with them
 - I have looked at NUnit, but have not used it
 - I have made .NET unit tests in VS2008
- > X-Fab development cycle is mainly AGILE with active testing/debugging. Requirements may change as the project evolves. Projects often are released as beta and tested/used by our engineers.
- > I prefer a n-tier approach (just recently learned what that was and that I already used it), using different technologies for different parts of a project as suitable, and keeping different levels of a system separated. I have no problem mixing and matching. I am quite flexible and always willing to learn new technologies.
- > I have experimented with LINQ-to-SQL
 - The non-dynamic nature of LINQ didn't work well with most of my stuff, although the concept is nice
 - I would like to learn nhibernate
- > Current Weak Points (haven't gotten to use these very much if at all but want to learn):
 - HTML5
 - Javascript, esp. jQuery
 - Java
 - CSS3
 - Unit Testing
 - Mobile development: iOS and Android
 - Network technologies
- > I have been involved in all stages of Application development from requirements gathering to maintenance
- > Professional Interests:
 - Making different systems work together, convergence
 - High-level system design. I don't mind getting into the low level stuff, but I prefer using frameworks that are already made to get things done quickly and effectively.
 - OOP
 - I try to keep up with the recent developments in the tech world, such as mobile devices, new platforms, etc.
 - Favorite areas: Software Development, Database Administration, IT Administration, System Maintenance, UI
 - Platform of Choice (Currently) .NET
 - For cross platform, I usually use C++

Misc.

- > I introduced Android tablets to X-Fab.
 - Asus EEEPad Transformer
 - Development has started for the platform
- > Was a member of a Kaizen team to increase Overall Equipment Efficiency for our Rainbow Oxide Etchers
- > I have represented X-Fab at a Texas Tech job fair
- > I have been a judge for the West Texas BEST Robotics competition for several years.
- > My degree covered both Computer Science and Electrical Engineering.
 - The project lab system at Texas Tech is 5 semesters of semester-long group or solo projects. Weekly presentation is required, and the projects were extremely technical in nature. This gave a huge boost to my presentation and communication skills
- > I try to keep a good life-work balance. I am willing to work overtime when necessary, but I do place importance on having a life outside of work.