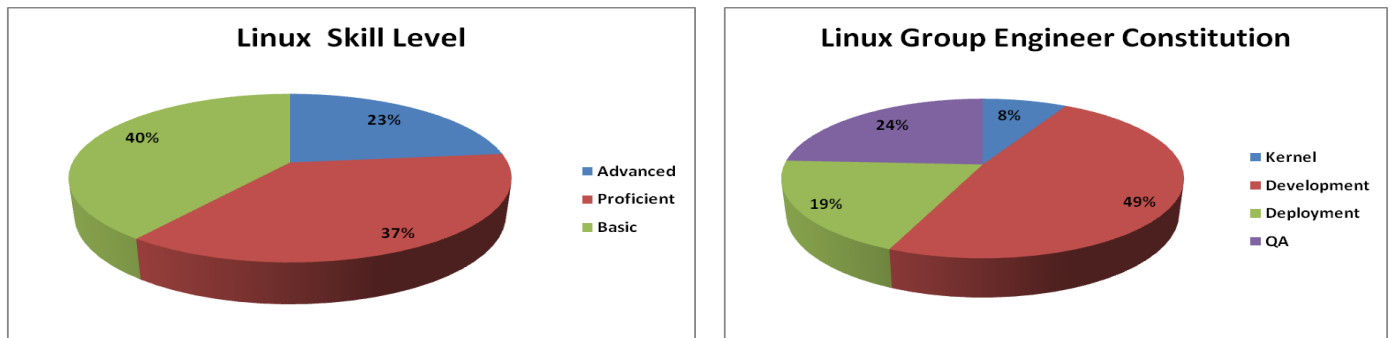


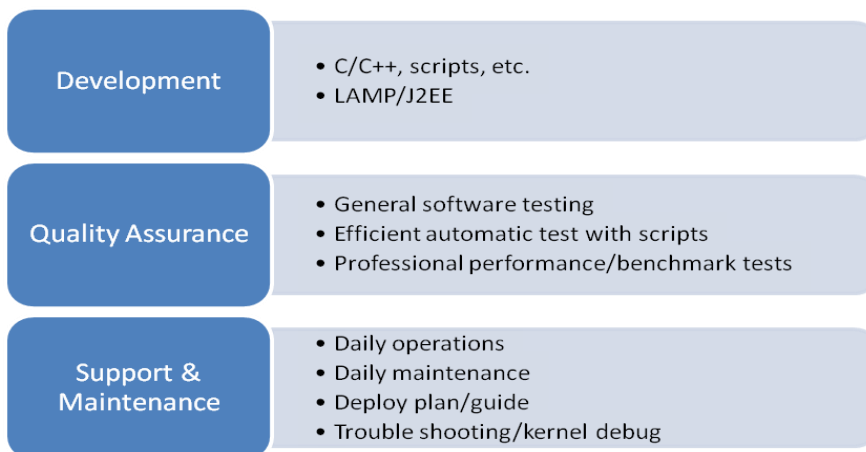
Hengtian Linux Group

Group Profile

Hengtian Linux Group, founded in 2007, has been steadily growing over the past years, and the team size has increased to over 150 members, 8% of which are familiar with Linux Kernel and 49% of which are familiar with Linux software development. Linux Group is comprised of Linux dedicated software developers and testing engineers who are able to provide expert custom application development and Linux support services, ranging from Linux end-user application development and enterprise-grade server solutions to the related kernel-level work for prototype, as well as automatic testing and administration. Linux group develops custom Linux applications from scratch and can complete partially developed projects started by other teams.



Linux Related Services



(1) *Software development*

a. C/C++ solution

- Server application development
- High-powered network application design and implementation
- Hardware driver development
- Kernel patches development
- Existing application enhancement

b. LAMP/J2EE (Linux, Apache, MySQL, PHP or Perl or Python) solution

- Web application development, including IBM Webshpere, Tomcat, Apache and MySQL

- Java applications development for multiple database servers
- Database integration, including DB2, MySQL and Oracle
- (2) **Quality Assurance**
 - Daily test result report and problems resolving at the first time around
 - Automatic software test, including unit test, smoke test, stress test, performance test
 - Automatic test framework design and implementation
 - Efficient test tools development
 - Professional performance/benchmark tests
- (3) **Production support and maintenance**
 - Linux Kernel scope: Kernel 2.6, Kernel 2.4
 - Linux Distributions scope: RedHat Enterprise/Fedora, CentOS, Ubuntu, etc
 - Network related configuration and monitoring: Linux Clustering technologies, Load Balancing, Server Monitoring and stats
 - Remote/local server administration and monitoring
 - System troubleshooting & debugging
 - Software installation, configuration and monitoring, including many databases such as MySQL, DB2, Oracle, Sybase, and middlewares such as httpd, Tomcat, WAS, WPS, WebLogic, JBoss
 - Performance tuning on the OS itself and applications deployment
 - Linux Redistributions: Kernel rebuilding & module management

Success Stories

- (1) **High-throughput, low-latency cache system and powerful database system**
 - Designed and implemented the cache system together with the customer, and achieved 500,000 transactions per second performance
 - Completed a convenient B-S based administration tool to help manage and monitor multiple nodes within a cluster
 - Provided flexible and extremely automatic test framework to cover all applications tests
 - Achieved about 50% performance improvements by providing professional performance tuning during testing
 - Offered professional and efficient 24/7 production support and services worldwide
- (2) **A high performance J2EE based and clustered online Stock Exchange trading system**
 - Recovered the load-balanced and high available disaster independently
 - Used system to handle over 100,000 transactions per second
 - Provided professional 24/7 production support after release
- (3) **Self-contained 24/7 production support and services**
 - Ensured the quality of production support by two service levels
 - First level service handled telephone pickup, general simple operation, periodically maintenance, collecting requirements and basic problems solving based on FAQ list
 - Second level service handled trouble shooting and system enhancement.
 - Provided hotfix, patch and service package to fix bug or enhance system according to customer's requirements
 - Provided technical and market consultation to customers
 - Received high praise and further collaboration opportunities