

# ADVANCED—Continuous Integration

- Term coined by Martin Fowler in 1998
- Process of automated build/regression testing
- Evaluates impact of changes against entire system



- **ALL DEVELOPERS RUN PRIVATE BUILDS**
- **DEVELOPERS COMMIT CODE TO VERSION CONTROL**
- **INTEGRATION BUILDS OCCUR SEVERAL TIMES PER DAY**
- **100% OF SYSTEM TESTS MUST PASS FOR EVERY BUILD**
- **A SHIPPABLE PRODUCT RESULTS FROM EVERY BUILD**
- **FIXING BROKEN BUILDS IS OF THE HIGHEST PRIORITY**
- **REPORTS AUTOMATICALLY GENERATED & REVIEWED**