DTAP Software Development

releasing tested and accepted software in a controlled production environment

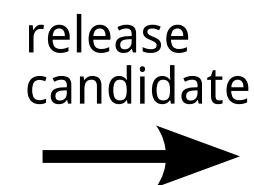| Environment	Development	Test	Acceptance	Production
each a separate step in software development	developing, testing and debugging	nightly builds and automated testing	operational & user acceptance testing	live usage without testing capability

Functionality

only the sign-off by all stakeholders of a step can progress a release to the next environment

source code → revision control → testable package → release candidate → deployable package → final release → deployable package

Configuration

environment specific settings regarding logging, notifications, connected external systems and security

e.g. debug logging, no encryption and email only developer

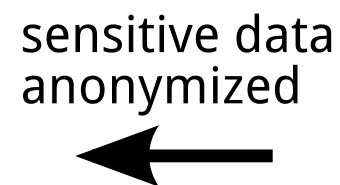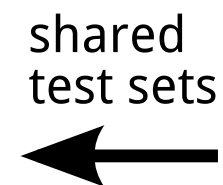e.g. info logging, no encryption and email development team

e.g. warning logging, encryption and email application support

e.g. error logging, encryption and email application support

Data

suitable for the goal of the environment

← shared test sets ← sensitive data anonymized ← nightly or triggered ←

Responsibility   Development Team   Application Support