

calms for pipeline design

culture

prioritise feedback to assist decision making

encourage humane work not drudgery

enable creative, novel testing

lean

environments should be more like production as the pipeline progresses

build the whole application once mentality

use the same application build throughout the pipeline

sharing

include your stakeholders needs

needs to be testable - code built by people

provides information on the suitability of a build to progress

can be operated by those who need it

automation

automation is the ultimate aim

there may be manual steps or decision points

long running steps may be run in parallel

configuration control equal to application code

measurement

lead time for changes ready to test

release frequency

time taken to restore testable build

number of failed deployments by stage