

## Technology Life Cycle at UC Berkeley

The Technology Life Cycle at UC Berkeley is a 9 step process from cradle (watch and research) to grave (disinvest and obsolete). The key step is adoption...when is a new technology ready for prime time? This will be jointly decided by ? The next most important step is divestiture. This will be recommended by ?.

**Watch** - This product has been placed on a watch list of technologies to follow. It has not been approved for use. (Research Architect)

**Research** – Technology may be under evaluation. Product should be used only for proof-of-concept projects. (Research Architect or RA directing other architects in team). As part of the research and proof-of-concept a Pilot (Alpha) may be done. Technology approved for small-scale experiment. Architects teamed with appropriate application group piloting a small-scale, low risk production development. (Architects + App Developers)

**Pilot** - Technology approved for small-scale production use only. Work done by the appropriate application group with architects available for problem triage. (App Developers + Architects (if problems))

**Invest** - Technology recommended for wide-spread deployment. (App Developers)  
(see adoption checklist including software evaluation criteria)

**Invest with Caution** - Although this technology is regularly maintained and upgraded, it should be used only when alternative technologies are not feasible. Technology can only be used by exception, after review and approval by ?

**Current Technology Stack / Maintain** - Existing systems may continue to rely upon these components and extend existing implementations. New development should consider Products in the Adoption category if time frames permit and staffing with appropriate skills are available. (App Developers)

**Disinvest** - Technology is in the process of being phased out. This may be maintained by not planned for upgrades except bug fixes. (App Developers + Management (Architecture Recommends)) (see disinvest planning)

**Obsoleted** - Vendor or industry support is gone. Tool should no longer be used or in use. (App Developers)

**Vetoed** - Investigated and found not to meet organization's needs - rejected. (Architects + AppDeveloper input possibly).