

# IET Wiki Middleware SDLC

Added by [Curtis Bray](#), last edited by [Hampton Sublett](#) on Jul 15, 2009

## Goals

1. Improved efficiencies
2. Improved service quality & uptime
3. Reduced resource bottlenecks
4. Reduced cost
  - a. Post release rework
  - b. Reduce redundant systems/licensing fees
5. Hit realistic project time lines
6. Deliver products which are as defect-free as possible
7. Promote customer satisfaction

## Progress

[SDLC Progress Report](#)

## General Purpose System Development Life Cycle (SDLC)

[How to setup a SDLC based project](#)

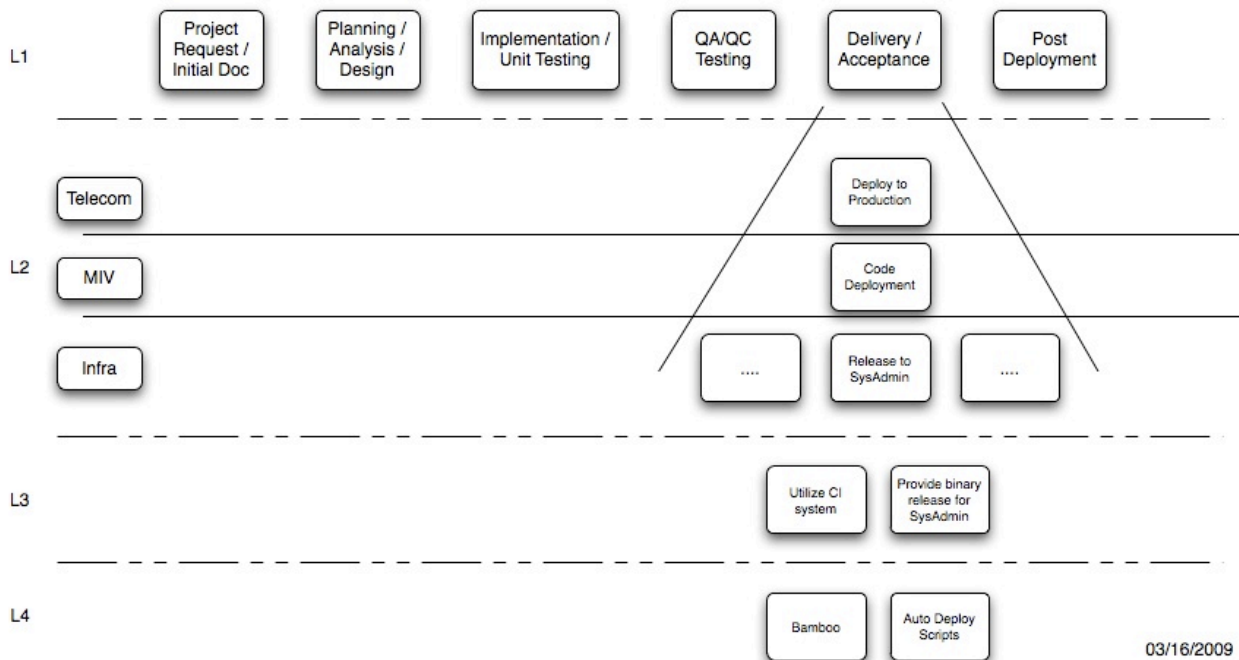
| <b><u>1. Project Request &amp; Initial Documentation</u></b>  | <b><u>2. Planning, Analysis &amp; Design</u></b>  | <b><u>3. Implementation &amp; Unit Testing</u></b>   | <b><u>4. QA/QC Testing</u></b>   | <b><u>5. Delivery &amp; Acceptance</u></b>  | <b><u>6. Post Deployment</u></b>  |
|---|---|--|--|---|---|
| Project Proposition<br><br>Project Approval/Prioritization<br><br>Confluence Project Directory<br><br>Jira Project Directory<br><br>Subversion Project Directory<br><br>Charge Letter<br><br>Project Definition / Scope & Success Criteria<br><br>Roles & Responsibilities<br><br>Budget<br><br>Baseline Project Plan<br><br>Risk Document<br><br>Change Management Identified<br><br>Disaster Recovery / Contingency Plan<br><br>PPM Section 200-45 Review | QA/QC Project Checklist<br><br>Business Requirements / Customer Specifications<br><br>Architectural Specifications<br><br>Functional Specifications<br><br>Technical Design Specifications<br><br>Prototypes<br><br>Specifications Reviews<br><br>Communications Plan<br><br>Focus Group / Oversight Committee Identified<br><br>Status/Project Reports | Development<br><br>Database Creation<br><br>Version Control<br><br>Parallel Production / Test Environments<br><br>Unit Testing<br><br>Code / Database Reviews<br><br>Deployment Plan | Test Plan<br><br>QA / QC Testing<br><br>User / Usability Testing<br><br>User Guides / Training Documentation<br><br>Help Manual / FAQs | Announcements<br><br>Training<br><br>Code Deployment<br><br>Sponsor Sign-off<br><br>User Sign-off | Hand-off to Operations & Maintenance<br><br>Lessons Learned / Post Project Review |

## Catalog of SDLC Projects utilizing template

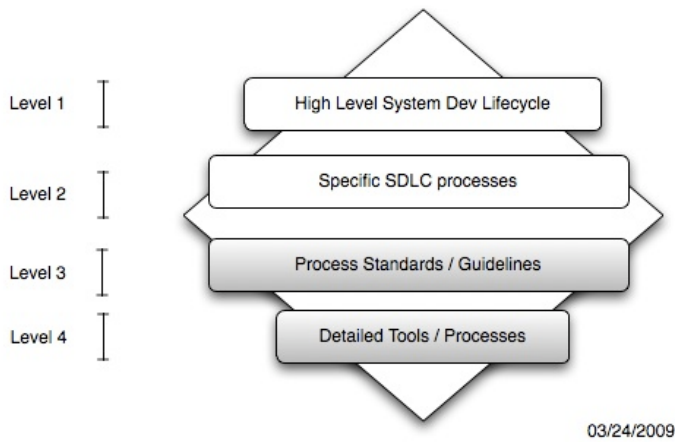
|  |
|--|
| <a href="#">3447 Department Listings</a> (IET Middleware Team) |
| <a href="#">3485 Pinnacle v6 Migration</a> (CR Projects)       |
| <a href="#">Home</a> (UC Davis Identity and Access Management) |

| 1. Project Request & Initial Documentation  | 2. Planning, Analysis & Design  | 3. Implementation & Unit Testing  | 4. QA/QC Testing  | 5. Delivery & Acceptance  | 6. Post Deployment  |
|---|---|---|---|---|---|
| <a href="#">1. Project Request &amp; Initial Documentation 3447</a> (IET Middleware Team)<br><a href="#">1. Project Request &amp; Initial Documentation</a> (UC Davis Identity and Access Management)<br><a href="#">1. Request &amp; Initial Documentation Pinnacle v6</a> (CR Projects) | <a href="#">2. Planning, Analysis &amp; Design 3447</a> (IET Middleware Team)<br><a href="#">2. Planning &amp; Analysis</a> (UC Davis Identity and Access Management)<br><a href="#">2. Planning, Analysis &amp; Design Pinnacle v6</a> (CR Projects) | <a href="#">3. Implementation &amp; Unit Testing 3447</a> (IET Middleware Team)<br><a href="#">3. Implementation &amp; Unit Testing Pinnacle v6</a> (CR Projects)<br><a href="#">3. Implementation &amp; Unit Testing</a> (UC Davis Identity and Access Management) | <a href="#">4. QA/QC Testing</a> (UC Davis Identity and Access Management)<br><a href="#">4. QA-QC Testing Pinnacle v6</a> (CR Projects)<br><a href="#">4. QA/QC Testing 3447</a> (IET Middleware Team) | <a href="#">5. Delivery &amp; Acceptance</a> (UC Davis Identity and Access Management)<br><a href="#">5. Delivery &amp; Acceptance 3447</a> (IET Middleware Team)<br><a href="#">5. Delivery &amp; Acceptance Pinnacle v6</a> (CR Projects) | <a href="#">6. Post Deployment Pinnacle v6</a> (CR Projects)<br><a href="#">6. Post Deployment</a> (UC Davis Identity and Access Management)<br><a href="#">6. Post Deployment 3447</a> (IET Middleware Team) |

General Phases for Software, Hardware, Network or Security Projects



## How we'll skin this cat



## Kickoff Presentation

This presentation outlines the SDLC documentation efforts: [MW SDLC Improvements.ppt](#)

### Labels

[mw\\_pm](#)

### Child Pages (10)

*Printed by Atlassian Confluence 3.4.6, the Enterprise Wiki.*