<b>⋓ 国</b> Task	Effort	Jun 2011	Jul 2011	Aug 2011
▼ 1) Code Style Documentation and Training	9.5h		_	<u> </u>
• 1.1) Choose coding style	1h	Architect		
<ul> <li>1.2) Document coding style</li> </ul>	0.5h	Architect		
• 1.3) Train team in Javadoc	4h	Architect; Developer	r A; Developer B	
• 1.4) Train team in Junit	4h	Architect; Develor	per A; Developer B	
▼ 2) Maven	6h			
• 2.1) Train domain expert	5h	Developer B		
<ul> <li>2.2) Verify skeleton follows good practices</li> </ul>	1h	Developer I	В	
▼ 3) Jenkins Integration	1h			
<ul> <li>3.1) Contact Eday and arrange Jenkins building of skeleton</li> </ul>	1h	Developer	r A	
▼ 4) User Documentation	17h			
<ul> <li>4.1) Train Sphinx domain expert</li> </ul>	6h	Devel	loper B	
<ul> <li>4.2) Contact Sponsor and determine how user documentation will be delievered</li> </ul>	1h	Q Developer A		
<ul> <li>4.3) Write narrative user documentation</li> </ul>	10h			Developer B; Architect
▼ 5) Research and Design	> 33h			
▼ 5.1) Async Model	11h			
• 5.1.1) Research Async in Java	10h	Developer A; A	Architect	
• 5.1.2) Decide on Callback vs Futures	1h	Architect	t	
<b>▼</b> 5.2) Server Communication	> 10h			
▼ 5.2.1) HTTP	> 8h			
• 5.2.1.1) Research HTTP Libraries	8h	Architect		
• 5.2.1.2) Select HTTP Library	> 0h	Architect		
▼ 5.2.2) JSON	> 2h			
• 5.2.2.1) Research JSON Libraries	2h	∥ <b>Q</b> Dev	veloper B	
• 5.2.2.2) Select JSON Library	> 0h	Arc	hitect	
<ul> <li>5.3) Design interface of blocking API</li> </ul>	8h		Developer A	
<ul> <li>5.4) Adapt blocking interface for Async use</li> </ul>	4h		Architect	
▼ 6) Implementation and Code Documentation	77h			
<b>▼</b> 6.1) Blocking API	50h			
<b>▼</b> 6.1.1) Memory Backend	12h			
• 6.1.1.1) Implement Memory Backend	8h	Dev	veloper A	
• 6.1.1.2) Document Memory Backend	2h	↓	Developer A	
<ul> <li>6.1.1.3) Create Unit Tests for Memory Backend</li> </ul>	2h		Developer A	
<ul> <li>6.1.2) Implement Blocking Frontend</li> </ul>	3h		Developer B	
<ul> <li>6.1.3) Document Blocking Frontend</li> </ul>	4h		Developer B	
<ul> <li>6.1.4) Create Blocking Fronend Unit Test Suite</li> </ul>	8h		Architect; Developer B	
▼ 6.1.5) Blocking HTTP Backend	12h			
• 6.1.5.1) Implement Blocking HTTP Backend	8h		Architect	
<ul> <li>6.1.5.2) Document Blocking HTTP Backend</li> </ul>	2h		Architect	
<ul> <li>6.1.5.3) Create Unit Tests for Async HTTP Backend</li> </ul>	2h		Oeveloper A	
<ul> <li>6.1.6) Extend Blocking Frontend to support HTTP</li> </ul>	3h		Developer B	
<ul> <li>6.1.7) Jenkins-Run Integration Tests for Blocking API</li> </ul>	8h		Architect; Developer A	
▼ 6.2) Async API	27h			
▼ 6.2.1) Async HTTP Backend	15h			
<ul> <li>6.2.1.1) Implement Async HTTP Backend</li> </ul>	10h		Developer A	À
<ul> <li>6.2.1.2) Document Async HTTP Backend</li> </ul>	1h		Architect	
<ul> <li>6.2.1.3) Create Unit Tests for Async HTTP Backend</li> </ul>	4h		Archited	t
<ul> <li>6.2.2) Implement Async Frontend</li> </ul>	2h		Devel	oper B
<ul> <li>6.2.3) Document Async Frontend</li> </ul>	2h		Dev	eloper B
<ul> <li>6.2.4) Adapt Test Suite to Async Frontend</li> </ul>	8h		Deve	eloper A