

iRouter Schedule

Software Specification -	(completed)
Software Development	
Project Structure Coding	
• Make File	(completed)
• Database Structures	(completed)
Initialization Code	
- Follows Project Structure Coding	
• Database Initialization	(in Progress)
• Configuration Loading (from file/and save)	(3 Days)
• Hardware Initialization	(2 Day)
• PPP Initialization	
• Ethernet Initialization	
PPP Changes	
• Support for timeouts and check for modem existence	
• Changes for NCB compatibility.	
Ethernet Driver	
• Use packet driver or	(0 Days)
• Develop new NE2000 native driver	(1 Week)
Web Server/UI	
- Should follow iRouter core	
• Develop web server	
• Develop UI	
• Hook to Status and Config database	
iRouter Core	(2 Weeks)
- Should follow Initialization	
• Modify the IP layer to pass “other” traffic to mapper and iRouter bound packets to the Local Traffic Processing code.	
• Local Traffic Processing code.	
• DNS Module	
• Link to Web Server/UI	
• Port Mapper	
• Incoming Traffic Connection Lookup	
• Outgoing Hash Connection Lookup	
• Virtual Proxy Handler	
• Module Proxy Handler	
• Connection Setup	
• Connection Mapper	
• Ping Protocol Proxy	
• Connection maintnance.	
FTP Module Proxy	(3 days)
Must follow iRouter core.	
DNS Module	(1 Week)
Must follow iRouter core.	
Arp Cache	(0/2 Days)
• adapt current arp cache if new ethernet driver.	
• smarter arp expire.	

Dialer

- Interface to PPP dialer
- Inactivity time out drop
- Connect on demand

Debug - (2-4 Weeks)

Testing

- Pre-release - 2 Weeks
- Alpha - Use Units as dialup devices for iReady employees. - (2 Weeks)
- Beta - Use in 'Real' unknown environment. - (1 month)