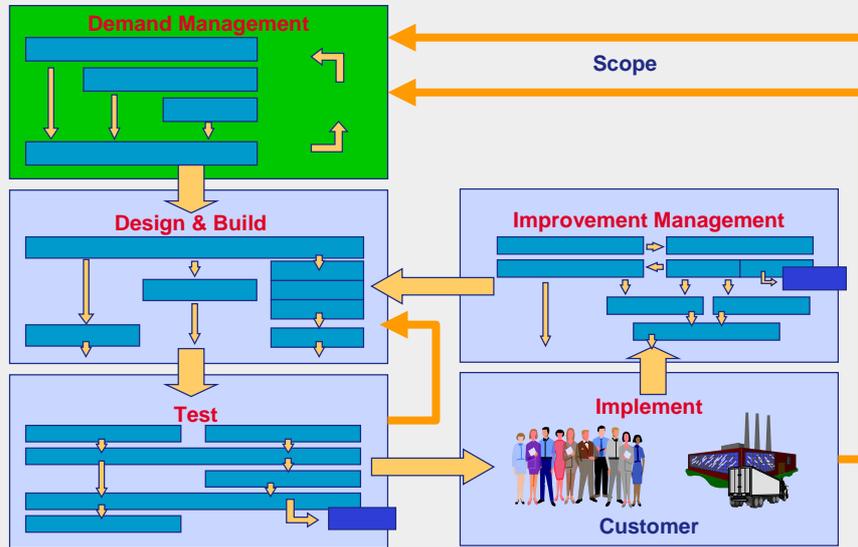
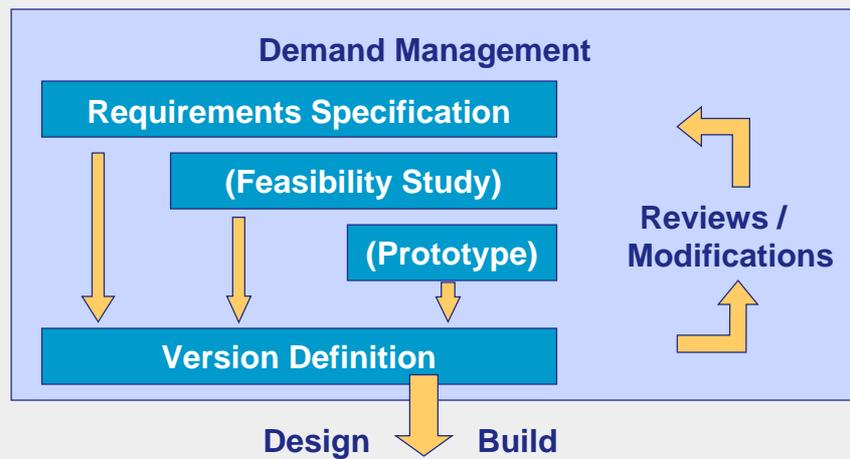


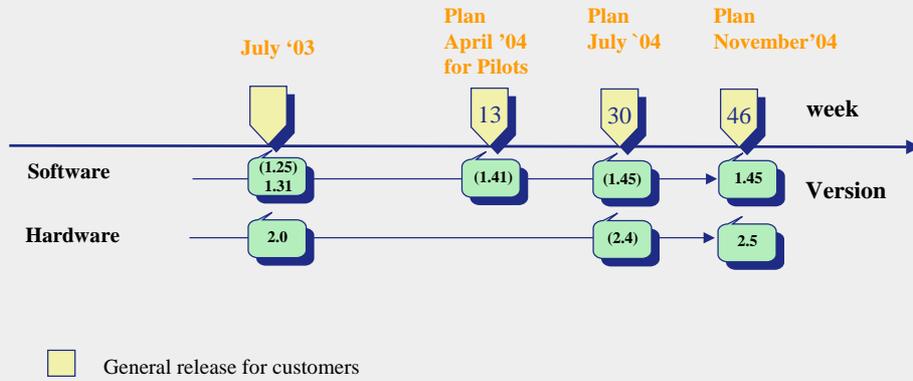
## Software Development Process - Overview



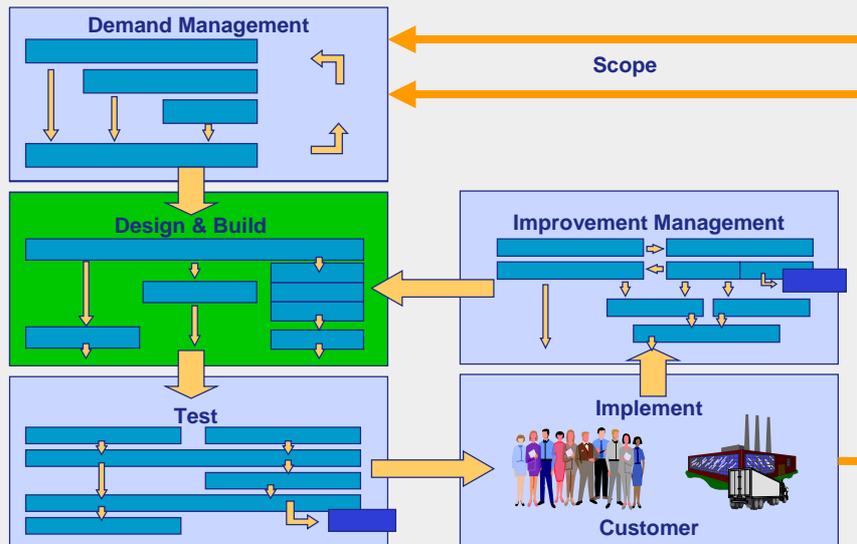
## Software Development Process Demand Management

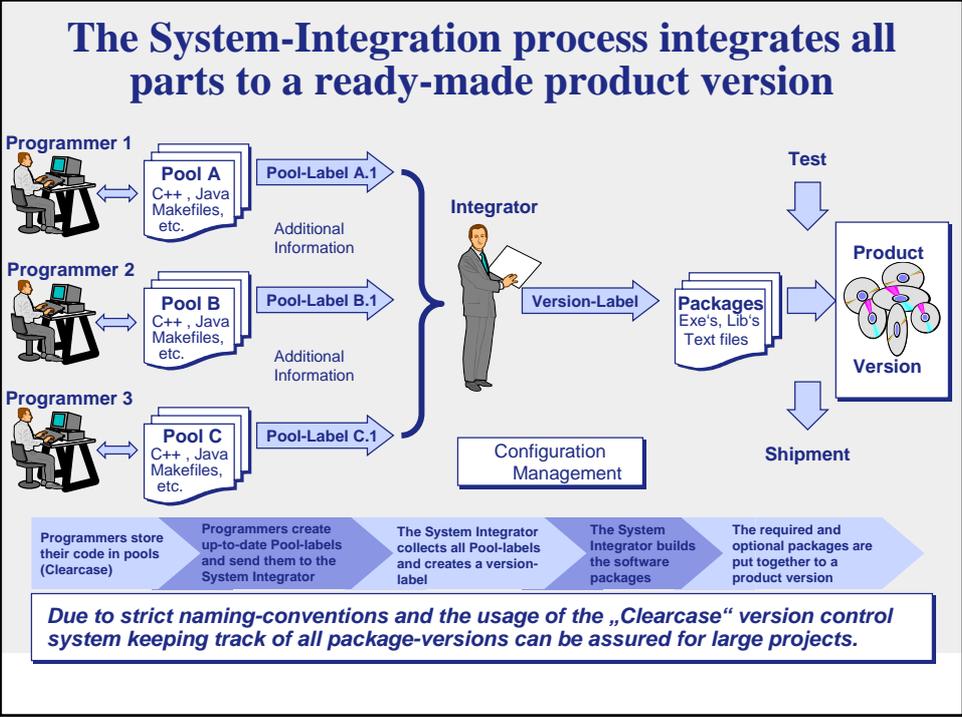
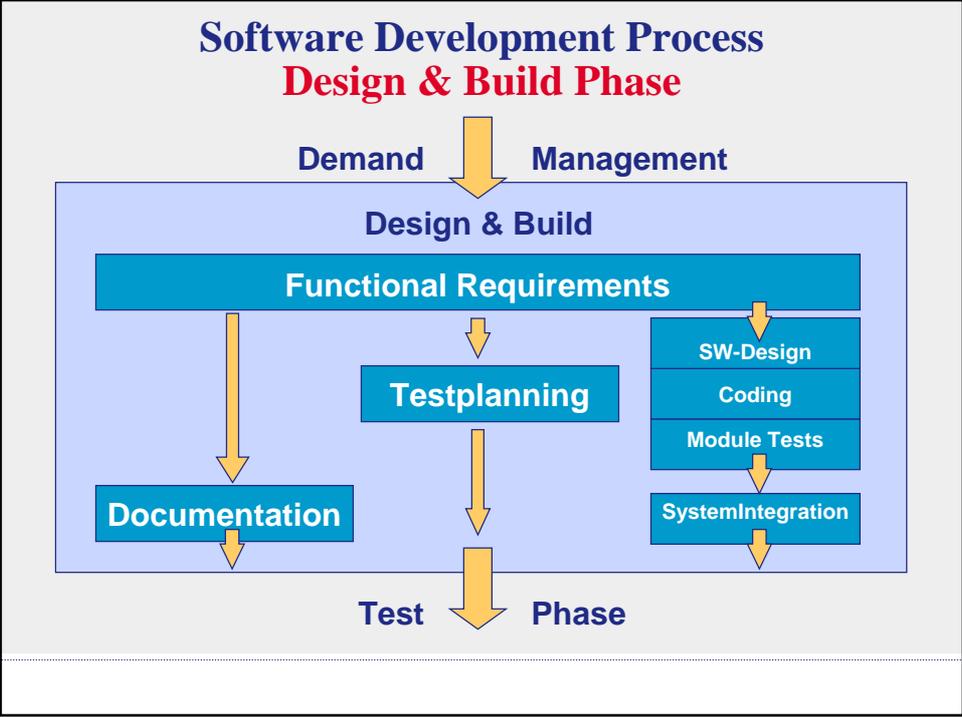


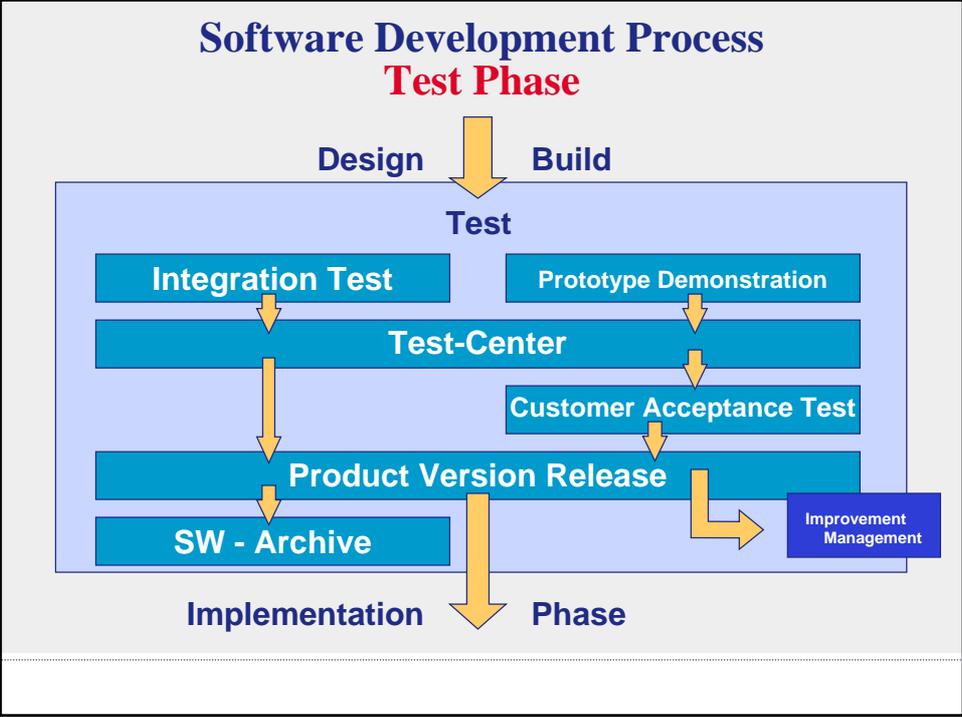
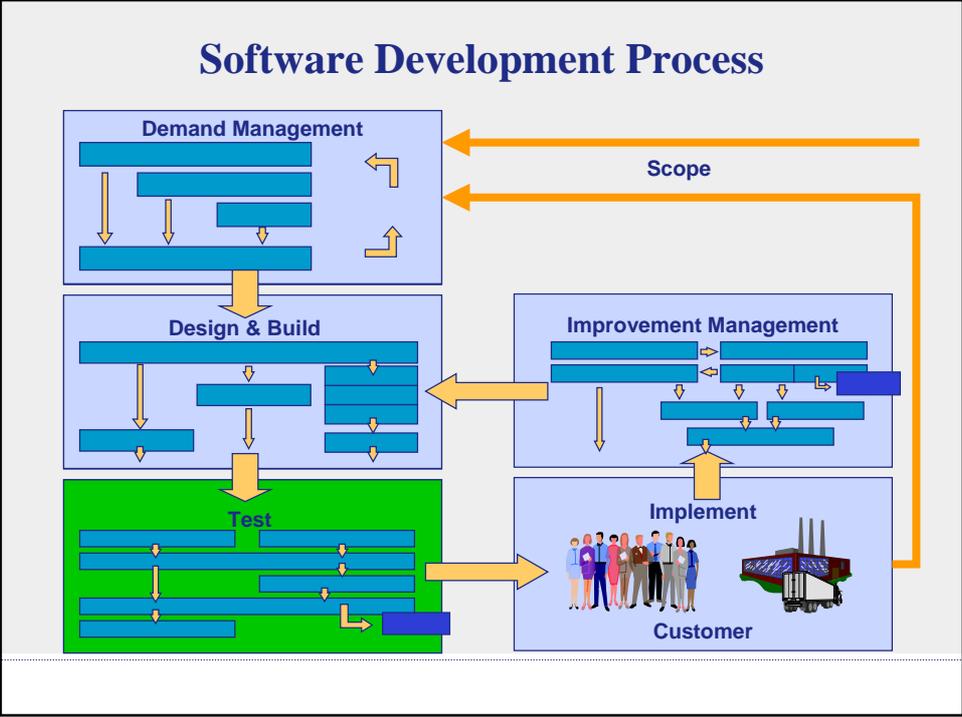
## Version Definition - Example



## Software Development Process







# Test Management - Test plans - Test cards - Problem Tracking

**Test Plan Table:**

Kapitel	Beschreibung	Entwickler	Qualitäts-sicherung	Test-Plan	Dauer	Result	VP	Bemerkungen
14	Rezeptur	NEZ	Trk					
14.21.3	Bedienung Rezeptur	H. Janssen	H. Schöbel	7	11.10.0	G21.1BM		
14.21.3.1	ID1041: 20 aufgeschaltete Rezeptbilder	H. Janssen	H. Schöbel	7	11.10.0	G21.1BM		
14.21.3.3	ID1041: Gleichzeitige Umschaltung des Rez. Servers	H. Janssen	H. Schöbel	7	11.10.0	G21.1BM		
14.21.3.6	Performance J2240/2240 WSR	H. Tschickel	H. Krause	7	11.10.0	G21.1BM		Testbereich/Tabelle
14.22.1	Berechnungsvorschläge	H. Fröhlich	H. Krause	7	06.10.0	G21.1BM		
14.22.1.1	Berech. Vorsch. für Para. in Grundf. in Kopfmixen	H. Fröhlich	H. Krause	7	06.10.0	-		
14.22.1.3	Dicke Zuweisung von Para. in Grundf.	H. Fröhlich	H. Krause	7	06.10.0	-		

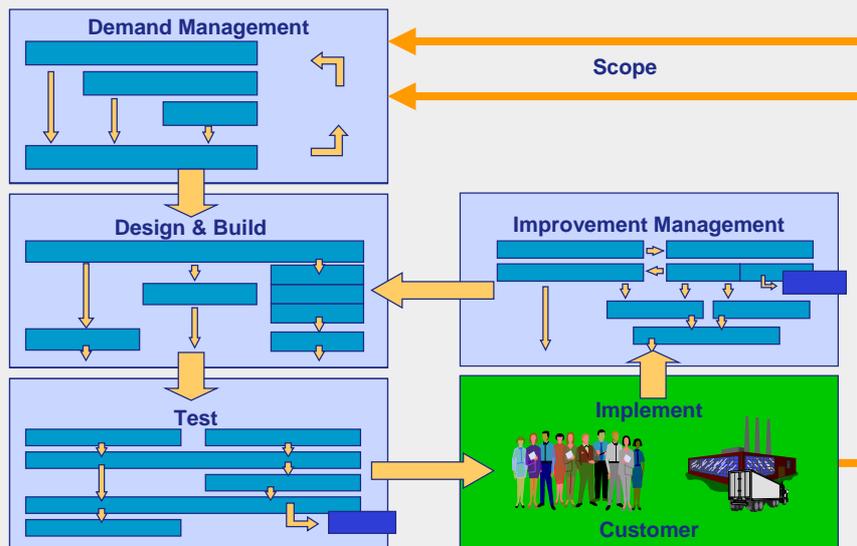
**Test Results Table:**

Point	Testumfeschreibung	Erwartetes Ergebnis	Prob.	Datum	Tester
14.28	Exchange of baselfunction				
14.28.1	Check of different functions				
14.28.1.1	Check identification with same version (RZPIDENT)	no version error			szsbn Klausur
14.28.1.2	Check identification with different version (RZPIDENT)	version error			szsbn Klausur
14.28.1.3	Check preparation list with same version (RZPESTOP)	no version error			szsbn Klausur
14.28.1.4	Check preparation list with different version (RZPESTOP)	version error			szsbn Klausur
14.28.1.5	Check list list with same version (RZPAPPAR)	no version error			szsbn Klausur
14.28.1.6	Check list list with different version (RZPAPPAR)	version error			szsbn Klausur
14.28.1.7	Check list with same version (ABL-TEST)	no version error			szsbn Klausur
14.28.1.8	Check list with different version (ABL-TEST)	version error, the basic operation list is not			szsbn Klausur
14.28.1.9	Check list with different version (ABL-TEST)	list list with version error are marked, the corresponding basic operation is not			szsbn Klausur
14.28.1.10	Check list with different version (ABL-TEST)	list list with version error and 1 without ABL-TEST			szsbn Klausur
14.28.2	Check update versions (ABL-TEST)				szsbn Klausur
14.28.2.1	Update of identification (RZPIDENT)	short text is copied from the			szsbn Klausur
14.28.2.2	Update of identification (RZPIDENT)	long text is copied from the			szsbn Klausur
14.28.2.3	Update of identification (RZPIDENT)	list is copied from the recipe			szsbn Klausur

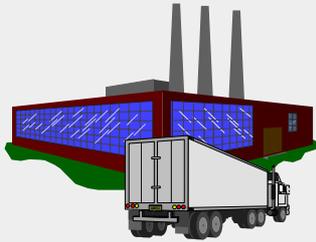
**Project Metadata:**

- Beschreibung: 5835
- Datum: 05.11.1999
- Abteilung: FZ2
- Telefon: 8205612/5507
- Meldung durch: Andreas Loh
- Problemname: Maestro TX (CD-D)
- Version: G21.0AC
- Verantwortlicher: W
- emp. Empfänger: FZ3-RZ
- Hersteller: K&E
- Kategorie: Maestro/Rezeptur, Vm Update
- Anwendung: FZ3
- Prüfung: 2
- Prüfung Nr.: 0
- Testnummer: 0
- Handlung: Kein Handling

## Software Development Process



## Software Development Process Implementation Phase

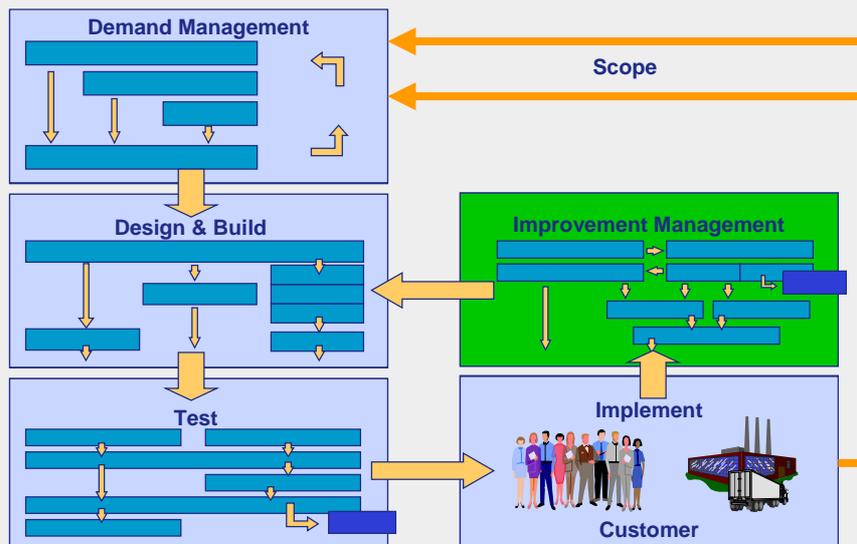


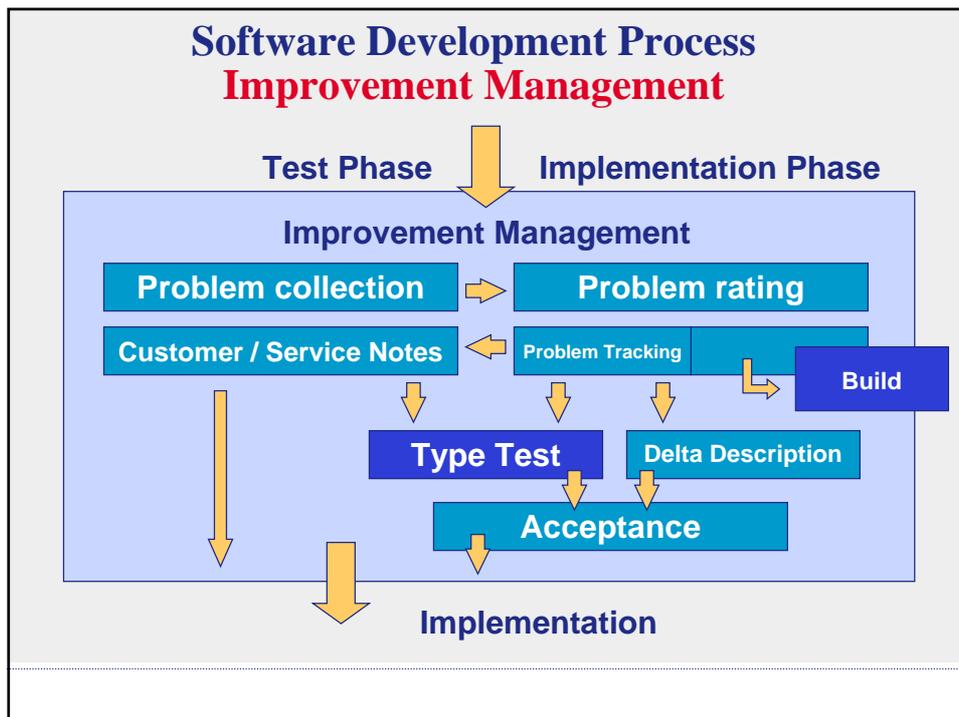
- Software Delivery to the Customer
- Installation Manuals
- Upgrade information (Version Upgrades)
- Service / Support

- Customization of the Software to meet the specific needs of the customer.
- On-site testing of the new environment
- Go-live



## Software Development Process





The improvement process generates Delta Descriptions, tracking and documenting the problem fixing

- **(Raw-) Delta Descriptions are automatically generated out of the version control system referenced to the prior version**
- **After editorial revision, the Delta descriptions are sorted by:**
  - ◆ new functionality
  - ◆ Changes to and supplementation of existing functionality
  - ◆ Troubleshooting
  - ◆ Update and compability

*Every test instruction is combined with an expected result wich derives either from the improvement management or the developer.*