



Aufgabe für Laborübung 1 in "Software Engineering": Reproduzieren Sie dieses Diagramm mit Hilfe des Werkzeugs "Visual Paradigm"! Documentations as PDF, images, text modules, video clips, ... Specifications as DOC and/or EXCEL Pre Sales Services? 9 Product development2 <<Task>> <<Task>> Project planning2 roduct-Str <<Task>> 9 <<Task>> Equipment data as XML MS-Office2 Product specification2 <<Task>> 9 Print content management2 MS-Office 2 <<Task>> Documentation2 7 Adobe2 Equipment data in various formats, also as ProList-XML <<Business process>> Manufactoring / Assembling2 Product Sales2 POTAcoloct2 <<Task>> Inquiry processing2 Job processing2 Equipment data and selection logic as XML quipment data sense : <<Task>> <<Task>>
Dimensioning2 Manufactoring control2 Q <<Task>> Offer creation Equipment data and sizing logic as XM Quality control2 /\ <<Extend>> an offer is required 0 CRM2 <<Task>>
Collection of instrument <<Task>> Offer creation2 data2 0 <<Task>> Order processing2 Management of Life Cycle SAP2 Data2 To SAP: Equipment data as XN To SAP: Logically correct instrument data AS XML Instrument data as ProList- XML Instrument Data as XML Instrument Data as XML

ROTAbase2

Instrument Data as XML

ROTAprolic2 <<Business process>> Calibration as a Service2 After Sales Services2 Foreign instrument data as XML <<Task>> <<Task>> <<Task>> Instrument data as ProList-XMI <<Task>> Calibration of foreign ROTAservice2 Recalibration2 <<Task>> Management of Life Cycle Data2 Legend:
ROTApower: Rota Process Organisation Workflow Efficiency Rationalization (A possible name for the Synonyms: instrument = final product equipment = product (as class, model) ROTAbase: The Central Database System ROTApim: The Product Information Management System ROTAsite: The Content Management System to manage the content for Teamsite ROTAshop: The Web Shop System ROTAselect: The Selection Tool - also for the customers ROTAsizing: The Sizing System with functions like Durep V and K and more ROTAservice: The Service System to manage after sales and calibration service ROTAprolic: The Product Life Cycle Management System. A stick figure: An actor; it can symbolize a personal user or a software system (as in the current diagram); A black line between a task and an actor: An association; the task is supported by the software system. ue dashed line: Transaction of Equipment Data or do Hint for connoisseurs of UML: Diagram created by Dierk Langbein, In this diagram I changed the semantic of the dashed line with an arrow and the semantic of the retangle symbol (as is shown by the stereotype <<Business process>>).