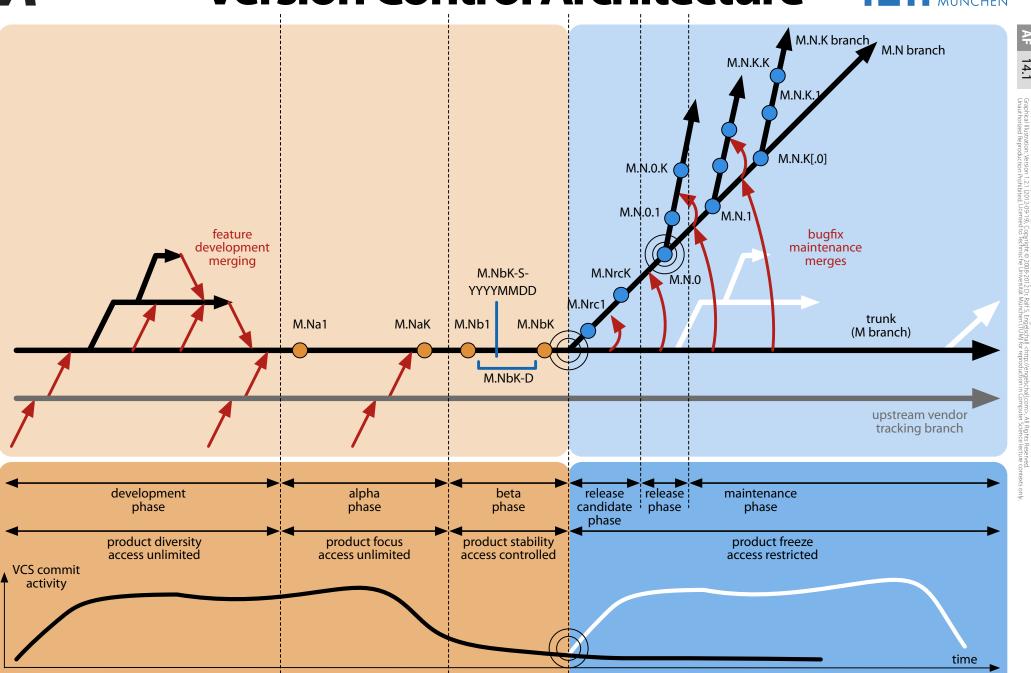


#### Software Engineering in der industriellen Praxis (SEIP)

Dr. Ralf S. Engelschall

### **Version Control Architecture**



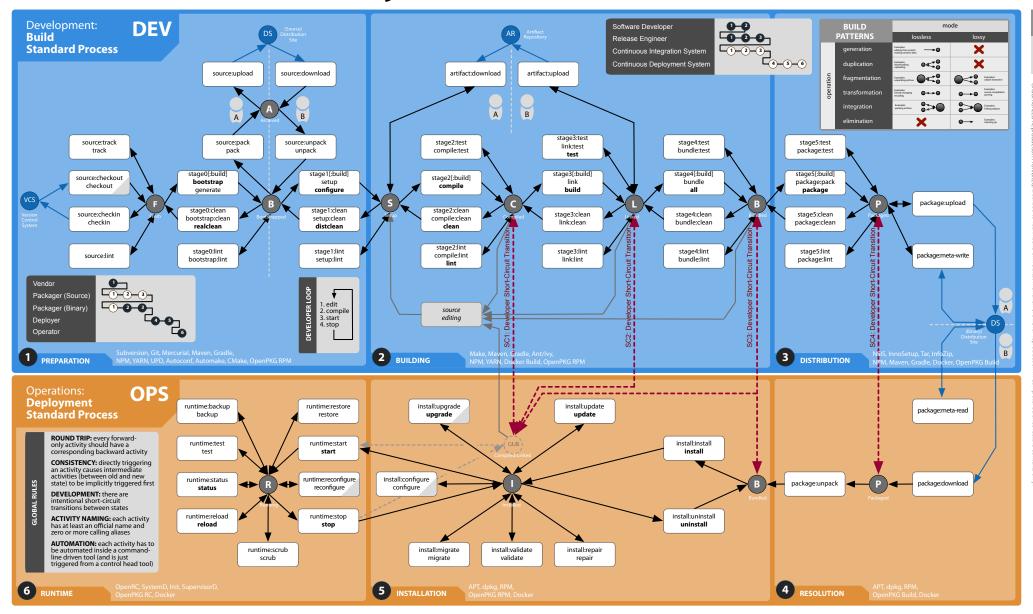


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# Assembly Process Architecture TITT TECHNISCHE UNIVERSITÄT MÜNCHEN





External State/Resource

→ State Transition --- State Transition (short-circuit) State Transition (external)

Process Activity XXX (semi-automated or automated)

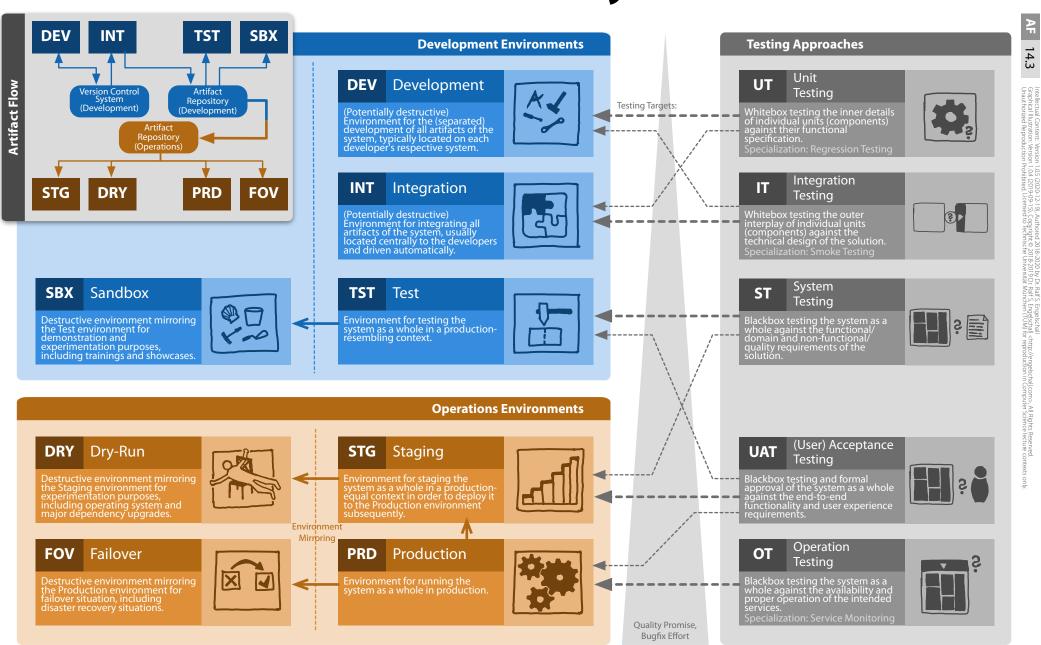
Process Activity (manually or semi-automated)



**Replicated Environments** 

# Environments & Quality Assurance TITT TECHNISCHE UNIVERSITÄT MÜNCHEN



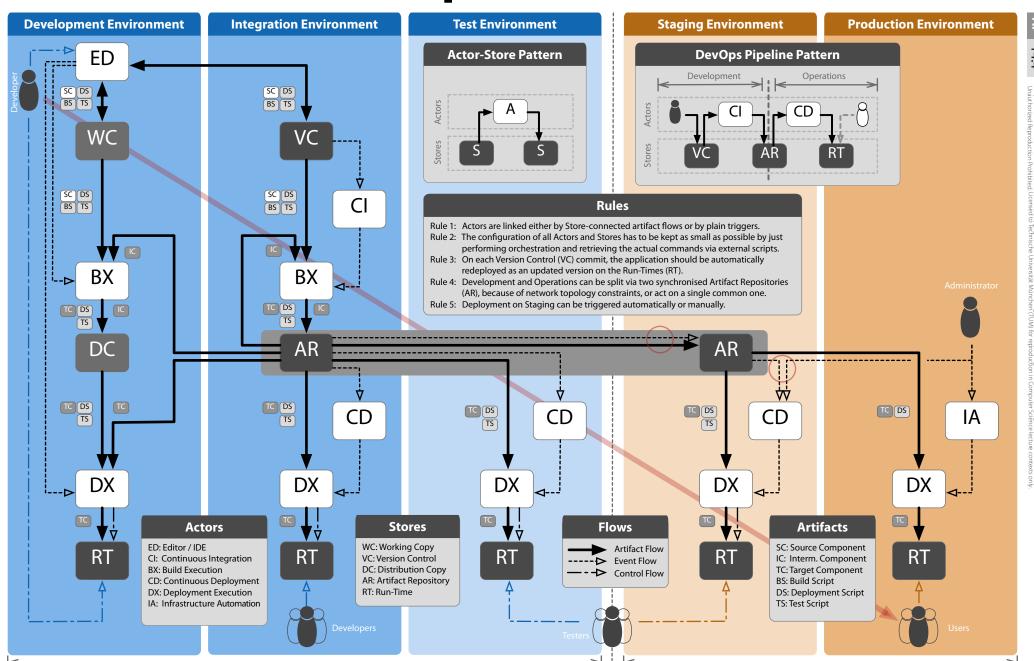


**Original Environments** 



### **DevOps Toolchain**



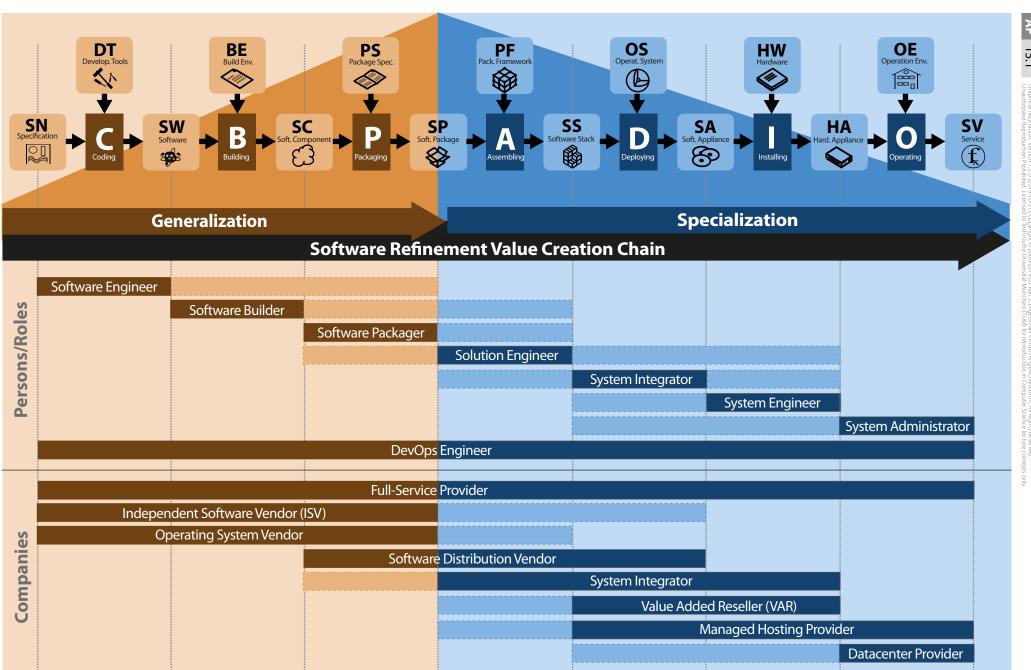


Development



### **Software Refinement Process**



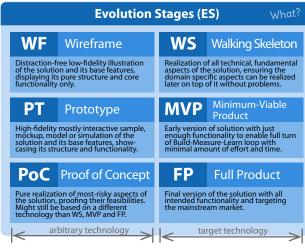


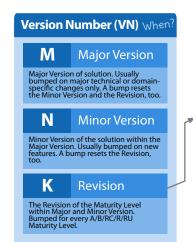
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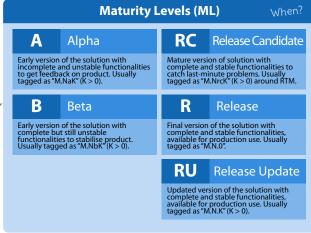


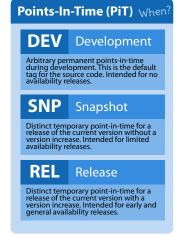
## Software Release Management







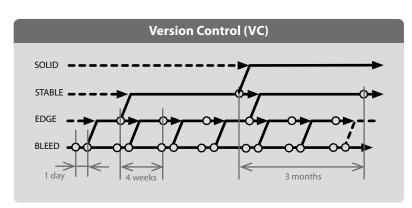


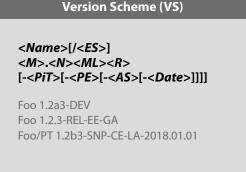


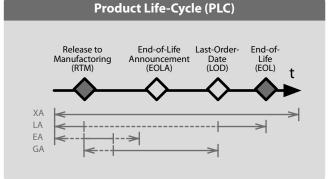












. Wesson 1.08 (2019+1+16). Authored 2018-2019 by Dr. Balf. 5. Engelschall v. Vession 1.07 (2019+1)-4). Copyright = 2018-2019 of Balf. 5. Engelschall «http://engelschall.com». All Rights Resented duction Prohibited. Licensed to Technische Universität München (TUM) for reproduction in Computer Science lecture c

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