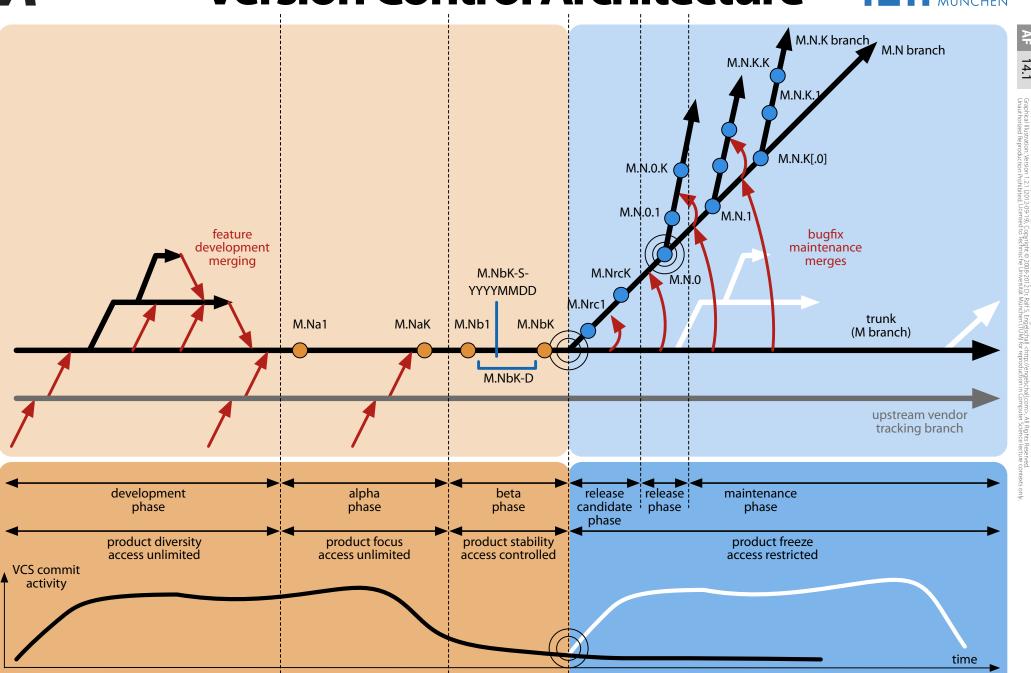


#### Software Engineering in Industrial Practice (SEIP)

Dr. Ralf S. Engelschall

### **Version Control Architecture**



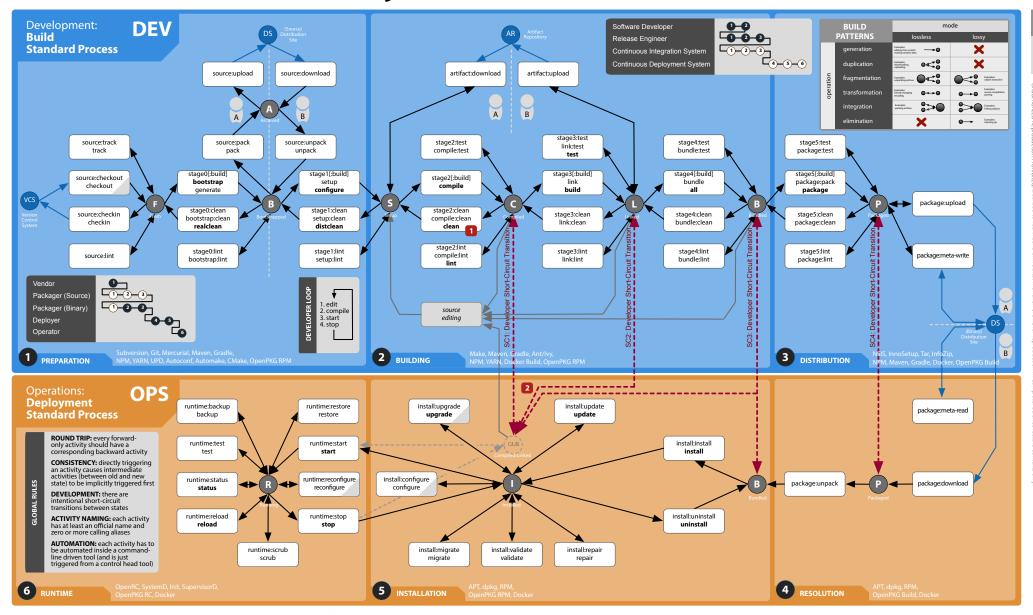


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# Assembly Process Architecture TITT TECHNISCHE UNIVERSITÄT MÜNCHEN





External State/Resource

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

Process Activity XXX (semi-automated or automated)

Process Activity

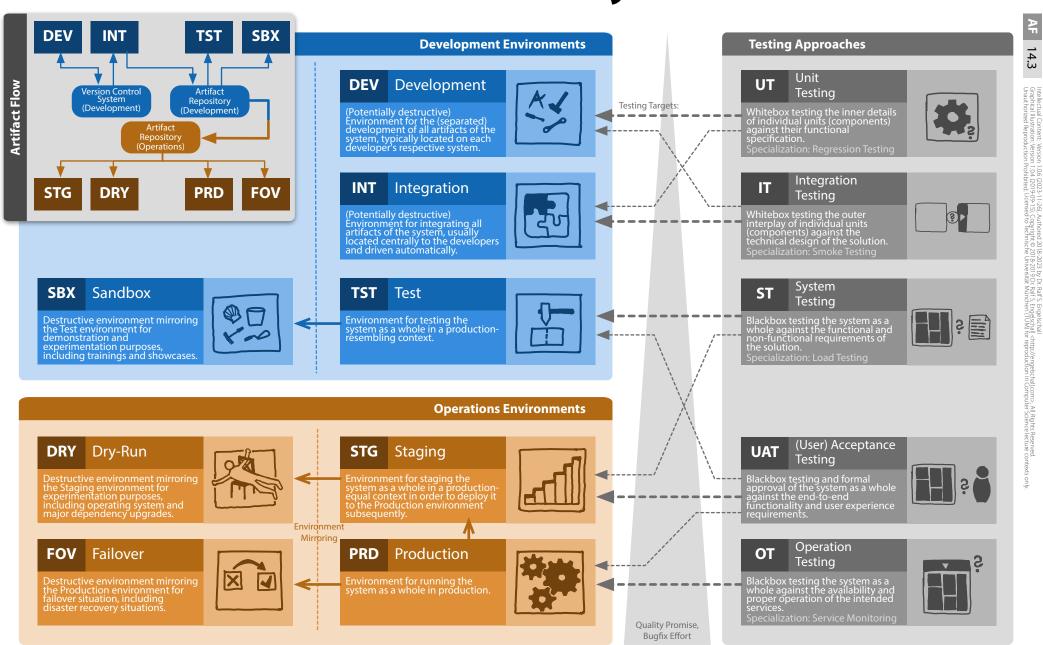
(manually or semi-automated)



**Replicated Environments** 

# Environments & Quality Assurance TITT TECHNISCHE UNIVERSITÄT MÜNCHEN



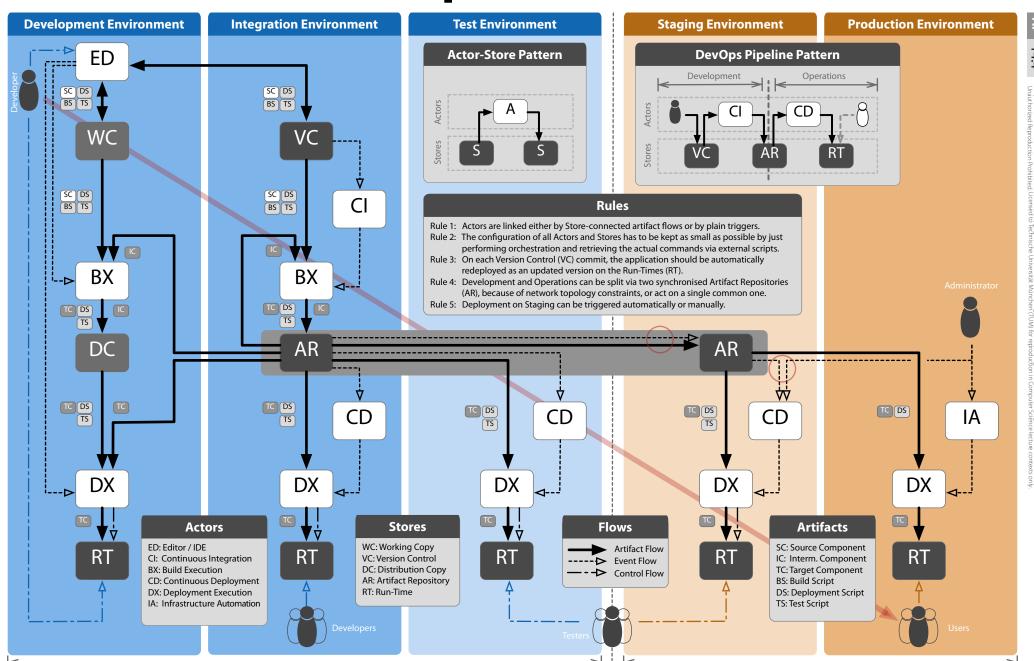


**Original Environments** 



### **DevOps Toolchain**



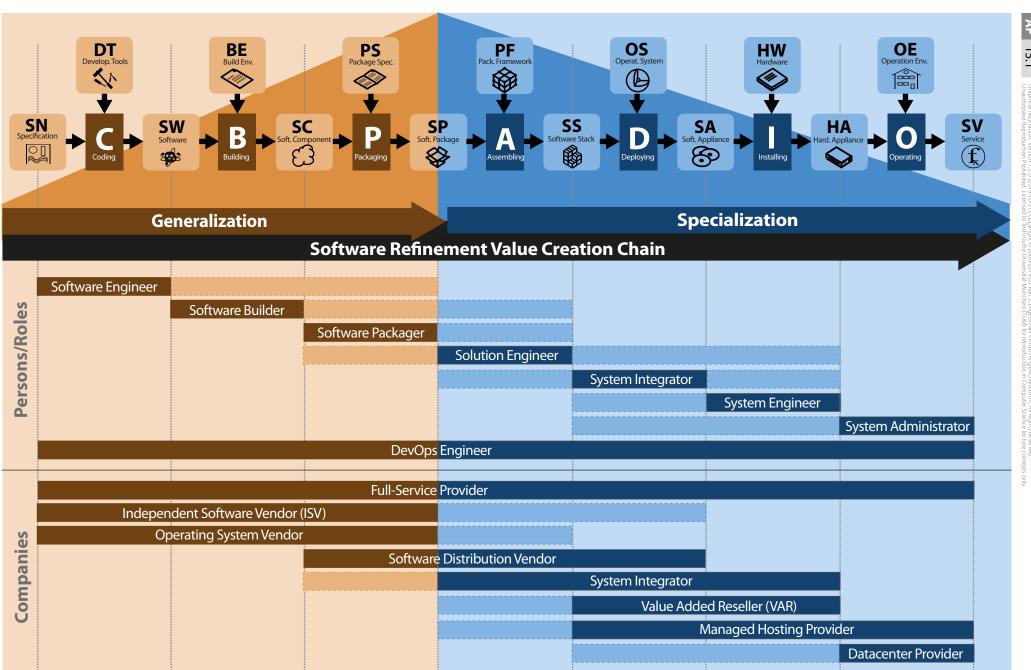


Development



### **Software Refinement Process**



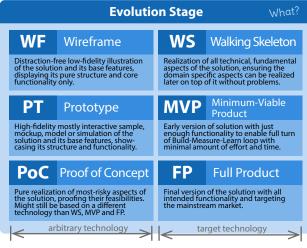


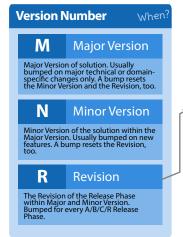
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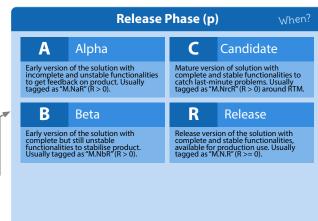


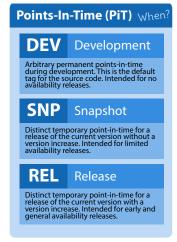
# Software Release Management





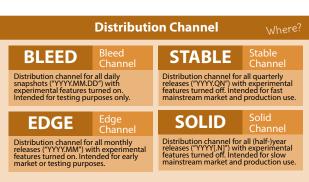


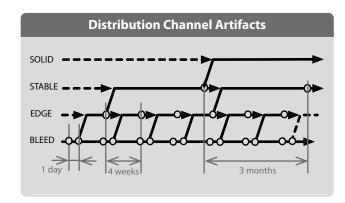


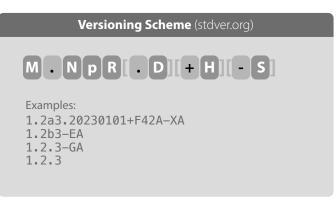


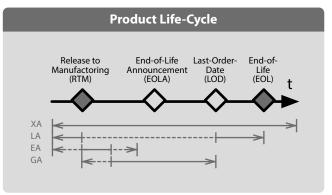












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