



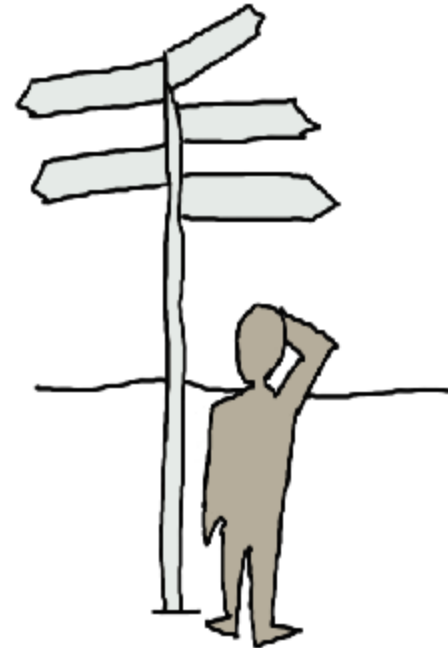
2015 Pack Expo Las Vegas

PackML @ SEW-Eurodrive

Michel-René Kübler

Content

- PackML Software Package
- Concept
- Future Outlook

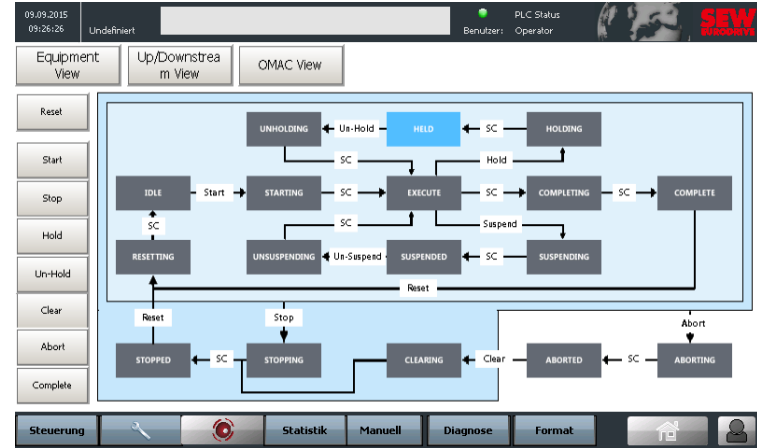




PackML Software Package

PackML Software Package

- IEC example code
 - PackML Mode & State Manager
 - Event Handling
 - EM and CM template
 - PackTags
 - Manual mode implemented
- HMI template



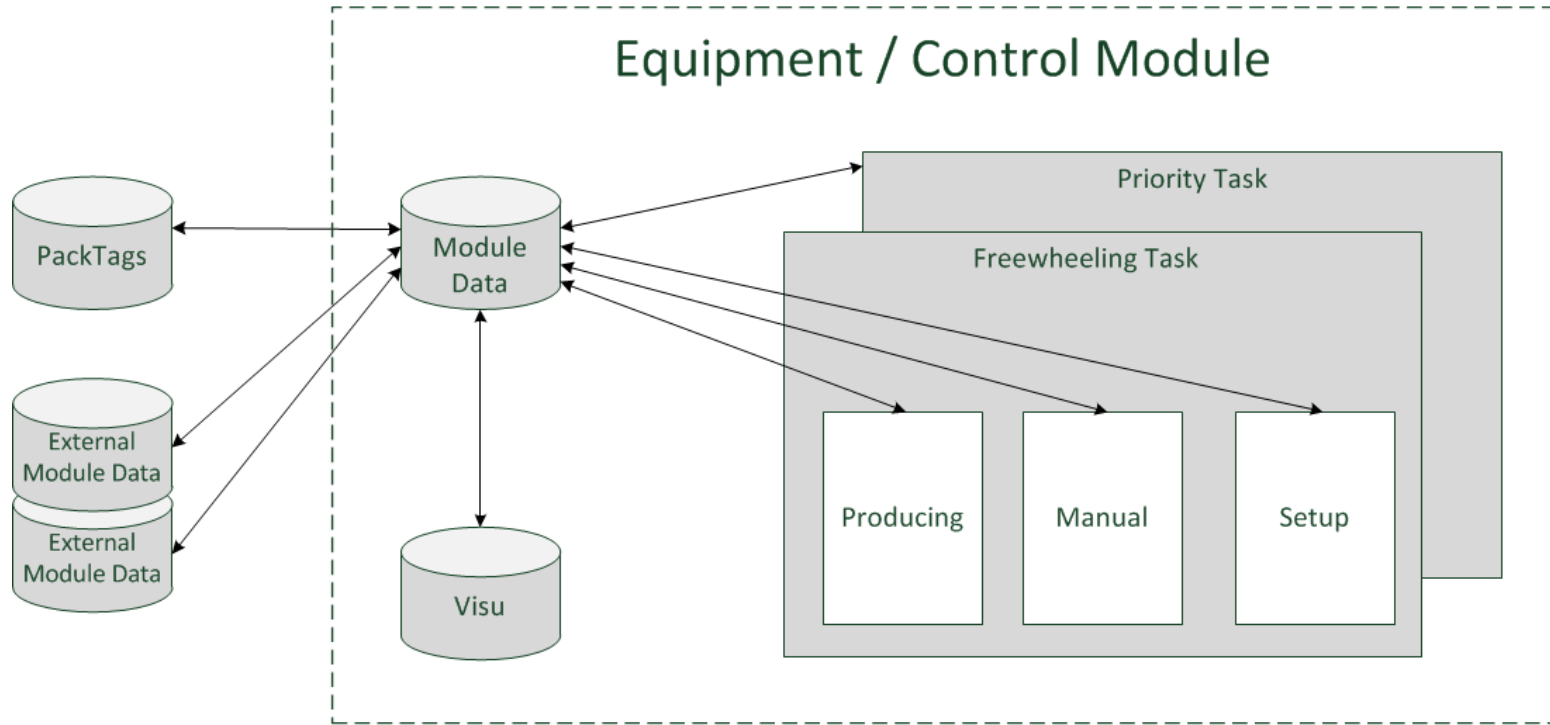


Concept

2 Solutions Concept

- Procedural programming
 - Codesys V2.3
 - “classic” programming in Codesys V3
- Object orientated programming
 - Codesys V3
 - In preperation

Data exchange



Data exchange

- Module data
 - Application specific data
 - In (incoming data e.g. visualization)
 - Out (provide data)
 - Config (parameter to change behavior)
- Visu
 - Data for displaying



Future Outlook

Future Outlook

- Predefined Equipment Modules
 - E.g. Smart Belt, Tripod
- HMI sides
 - Depending on application
- PackML specific training
- Promoting PackML @ customer



**Thanks
for your attention!**