



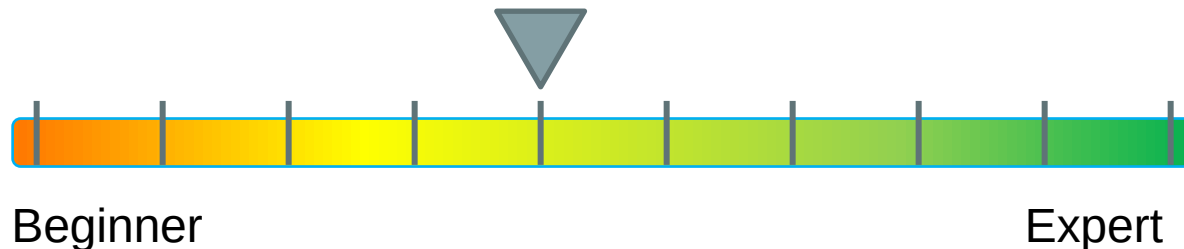
APROL E-Camp workshop

System update



Agenda

Time	Topic
~ 15 min	Short information
~ 15 min	Read the manual
~ 45 min	Make a backup
~ 15 min	Update the AutoYast
~ 15 min	Reinstall the Language DVD
~ 45 min	Update the AprotSystem
~ 1 h	Update the project
	Go on working





Overview

- Shot information
- Read the manual
- Make a backup
- Update the AutoYast
- Update the APROL-System
- Reinstall the Language-DVD
- Update the Project



System update

Short information



Short information

- Version number R **Xx-Yy** P **Zz** (e.g. R4.0-08 P1)
- **Xx Major release:**
 - It's a new release with a lot of new features. Release cycle is about 2 years
 - If the main release version number is different, reinstall your system.
 - This is necessary because the OS could have changed or there are huge changes in the AutoYast-DVD.
- **Yy Minor release:**
 - It's a new sub release with bug fixes and improvements of the new features.
 - It's necessary to update the system software
- **Zz Patch:**
 - Contains bug fixes
 - It's necessary to install the patch.



Short information

● System software installation

- A system installation is a new installation of the system.
- All the existing data will be lost after the installation.
- Be sure to save all the important data before installation

● Necessary media:

- APROL AutoYast-DVD (DVD media)
- APROL System Software DVDs (DVD or ISO files on external USB media)

● Follow the steps of the online documentation



Short information

● System software update

- An update is just updating changed packages.
- No reinstallation of the system is necessary and data don't get lost.

● Necessary media:

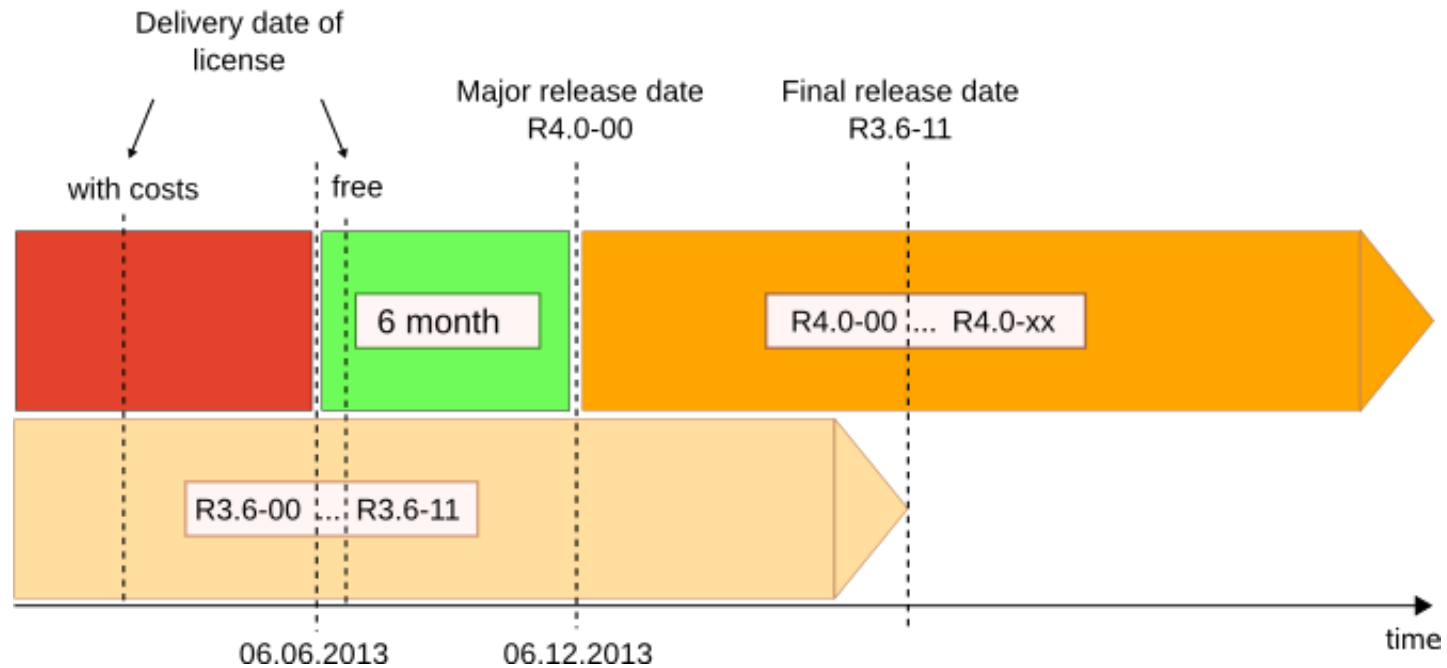
- APROL AutoYast-DVD (DVD media or ISO files on external USB media)
- APROL System Software DVDs (DVD or ISO files on external USB media)

● Follow the steps of the online documentation



Short information

● Release policy





System update
Read the manual



Read the manual

● APROL product documentation

- A1 Release Notes for a quick and concise information about improvements
- A2 Getting Started for the “How I can update ?” – question (A2-1.5)
- A3 Upgrade Notes is for the users who are responsible for the installation

● Homepage

- Section Downloads
- -> Software
- ->APROL
- -> R4.0-XX
- -> Documentation



System update **Make a backup**



Make a backup

● Make a CAE-backup

- Store your data to an external medium.

● Store your translated parts to an external medium

- Create a compendium (`~TRANSLATE/<LangCode> msgcat -o MyComp *.po`)
- Store it on an external medium

● Additional: Store your RUNTIME – data to an external medium

- Like the “remanence-files” and the “historical-data”

● Additional: Store your important data to an external medium

- e.g: like `/home/<engin>/AS/VMIMAGE`

● Additional: Make a ACRONIS- or GHOST-Image



System update

Update of the AutoYast



Update of the AutoYast

- Take a look into the A3-Upgrade
 - When a new kernel will be installed, we have to execute the AprolPrepareUpgradeAutoYaST - script

- Open “yast2” and switch to “Software-Repositories”
 - DVD
 - ISO → /<MOUNTPATH>/APROL-AutoYaST-DVD-V4.0-XXX-SLES11.iso
 - NFS → <NFSSERVER>:/<MOUNTPATH>/

- Open “yast2” and open “Software installation or delete”
 - Select patterns
 - Select all packages
 - Packages ->All packages -> Update if newer version available



System update

Update of the APROL-System



Update of the APROL-System

- If you should restart your system, do it!
- Login as root and switch to init 3
- Type in the command AprollInstall
- Select your source and install
 - DVD
 - ISO → /<MOUNTPATH>/APROL-DVD-R4.0-XX-DVD1-SLES11.iso
 - NFS → <NFSSERVER>:/<MOUNTPATH>/
- After everything is finished, do a restart of your system!



System update

Reinstall of the Language DVD



Reinstall the Language-DVD

● Reinstall your Language-DVD

- Set the source in the YaST2 Control Center
- Select your language and Development environment
- After re-logging to the environment the language is available

● Reimport your compendium

- TranslationManager -> Translate -> Manage Compendiums
- Load your compendium
- Execute “Rough Translation”



System update **Update the Project**



Update the Projekt

- Login in to your engineering environment and open CAE-Manager
- Update your project
- Update finished: Check your libraries and make a build-all
- Update your controller: Install a new AS if necessary
- Manage your Translation
- Make a project - build-all and download



Have fun

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AUTOMATION EXCELLENCE**