



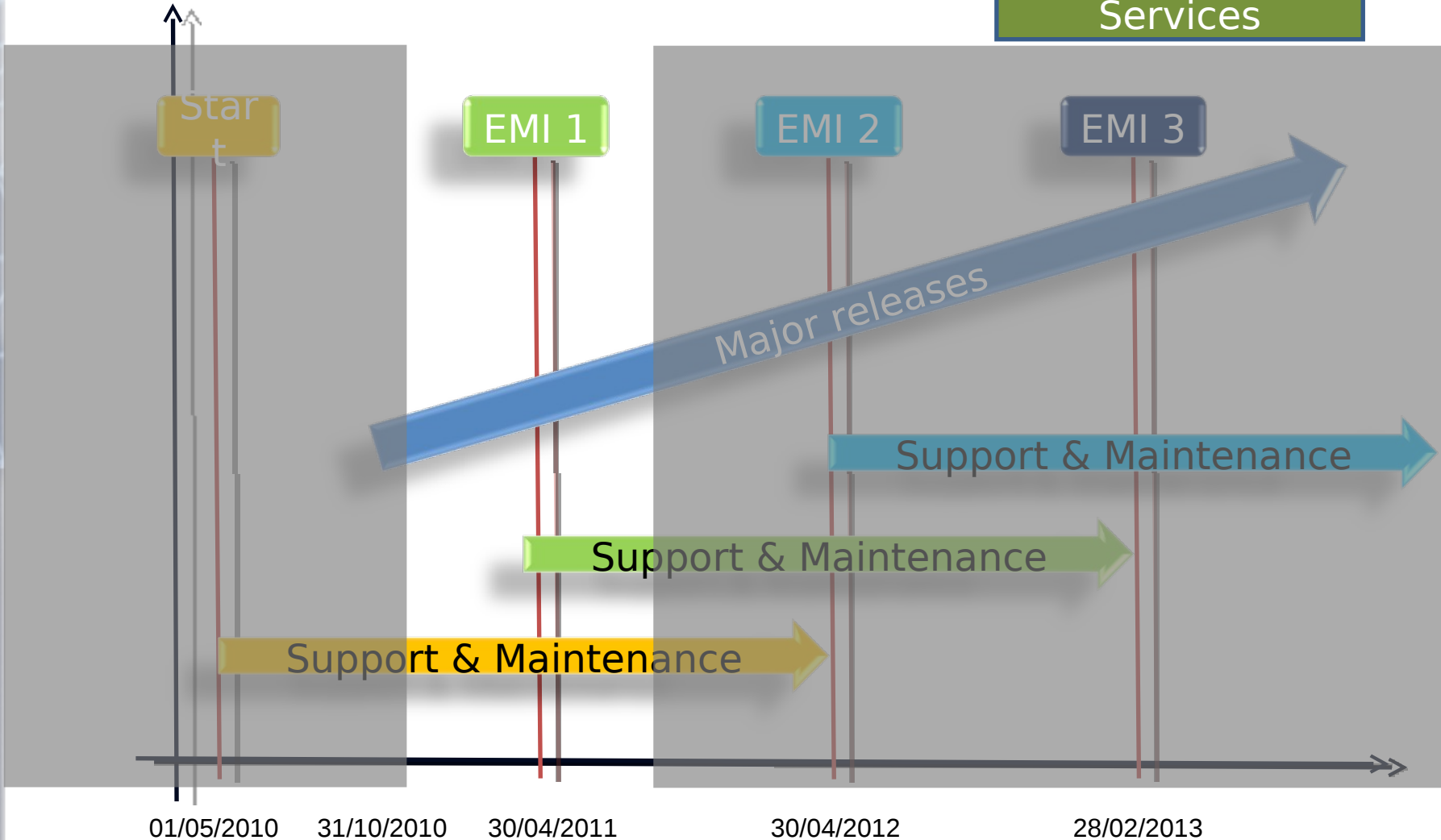
EMI 1 (Kebnekaise) Updates

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EMI All-Hands Meeting
Lund, 30 May - 1 June 2011

Release Plan

EMI Reference Services



01/05/2010
30 May - 1
June 2011

31/10/2010

30/04/2011

30/04/2012

28/02/2013

EMI All-Hands Meeting - Lund

Overview

- Component Release Categories
- Updates Schedule
- HowToSchedule Component Updates
- ETICS Project Configurations
- ReleaseUpdatedComponents

Component Release Categories

- **Minor Release:**
 - significant interface/behavior changes that are backwards-compatible
 - the contents are endorsed by the PTB
 - included in the technical development plan.
- **Revision Release:**
 - Fixes for specific defects found in production
- **Emergency Release:**
 - Fixes for Immediate-priority defects found in production (e.g. security vulnerability)

Updates Schedule

- EMI 1 Update Releases Schedule – tracked in the **EMI Release Tracker**
 - <https://savannah.cern.ch/projects/emi-releases/>
- Updated every second EMT
 - based on new RfCs with high or immediate *priority* extracted from SA2 reports:
 - *Immediate*: addressed as soon as possible, in all affected EMI major releases.
 - *High*: addressed in a next release of the affected component, in all affected EMI major releases.
 - *Medium*: addressed in the release of the affected component that will be shipped with the next EMI major release.
 - *Low*: There is no target date for addressing the RfC.

HowToSchedule

- NEVER underestimate the impact of a change, in particular inter-components dependencies
 - PTs whose components depend on announced-to-be-updated components will have to agree with the changes & schedule
 - Ex: voms will avoid frequent updates; all involved PT, will have to decide/agree on the schedule

HowToSchedule

- Software still released by each mw consortium should follow the same approach:
 - EMI EMT assesses the priority of the new RfCs and decides if they can be addressed in an old version.
- Now that EMI 1 is out it is strongly recommended to lower the support for older version and do not backport new functionality unless strictly necessary based on user requirements

ETICS project-configurations

- emi_R_1_Y_Z_A
 - Released configurations
- emi_1_prod
 - latest production tags, locked
- emi_B_1_dev
 - “in-work” configurations
 - automatic build of the EMI 1 development branches

HowToReleaseUpdatedComponents

- Plan - use RfCs priorities
- Schedule @ EMT => CR task (RM)
- PTs - follow ReleaseChecklist:
 - For RfCs follow ChangePolicy
 - 1 RfC for each affected EMI Major Release
 - Implement changes, use emi_B_1_dev
 - build against emi_R_1_prod
 - lock=>register=>test=>document=>certify
- SA1 QC- Verifies CR

HowToReleaseUpdatedComponents

- SA1 (RM):
 - Signs => "release candidate" repository
 - Starts deployment on EMI testbed
- SA2.5:
 - RC rollout on the EMI testbed => **automatic testing**
- SA1 (RM):
 - Production repository
 - General Release Notes
 - Public pages & release.xml
 - Release



Thank you

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