

ALC- & AGD-Revision

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Presentation Content

- Motivation for the Revision
- Development Strategy and Realisation of the ALC- & AGD-Rewrite
- Overview of the main changes in the new ALC- and AGD-Families
- Benefit after the Revision
- Summary

Reasons for the Revision

- Redundant evaluation activities throughout the ALC-, ACM-, ADO- & AGD-classes
- Integration of requirements which were misplaced in AVA_MSU into AGD
- Misunderstandings coming from the ALC-, ACM- & ADO Terminology
- Numerous ALC-, ACM- & AGD- relevant RIs

Motivation for the Revision

The aim of the ALC- and AGD-Revision

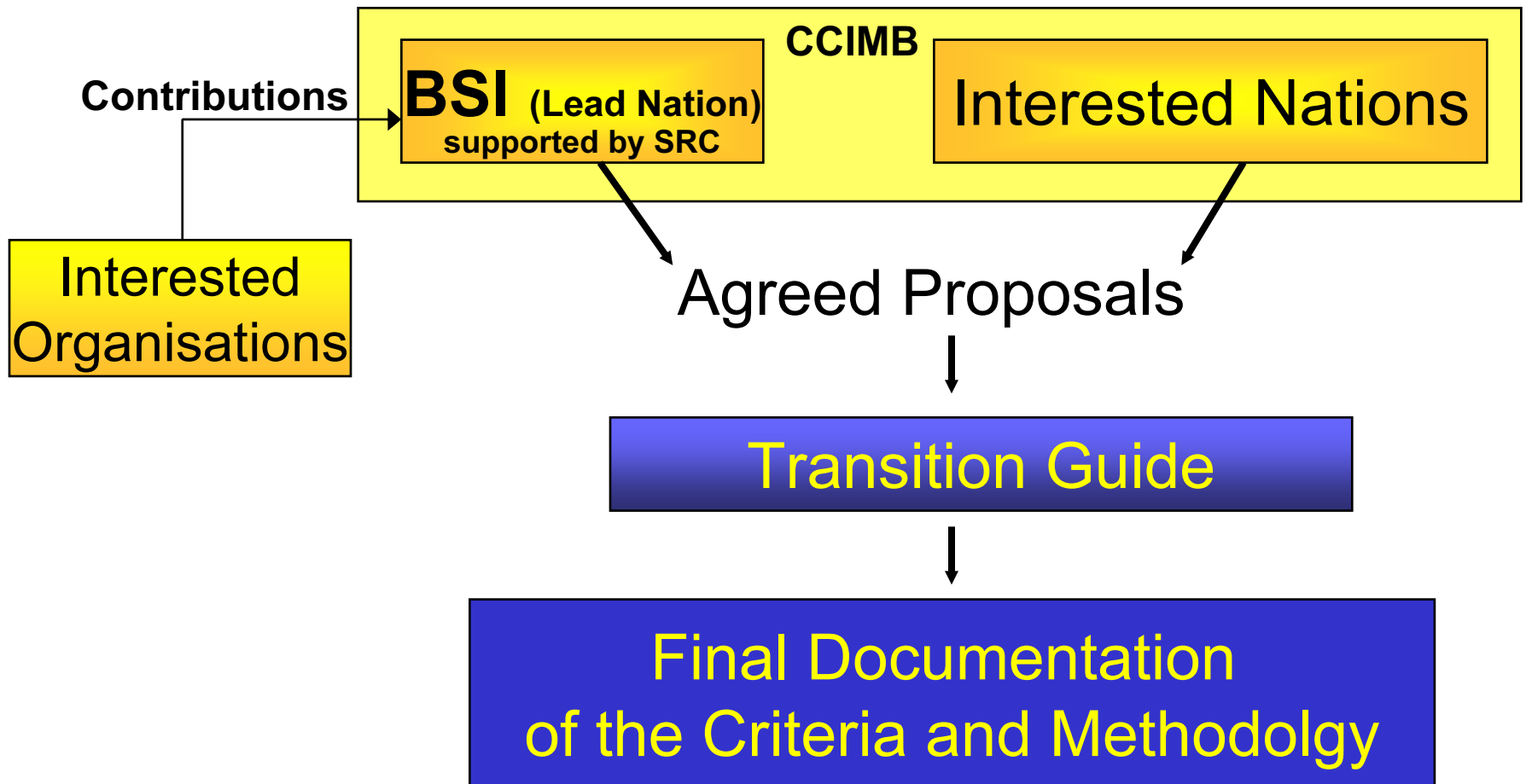
... have primarily been to eliminate redundancies

... and to enhance clarification of the evaluation work,

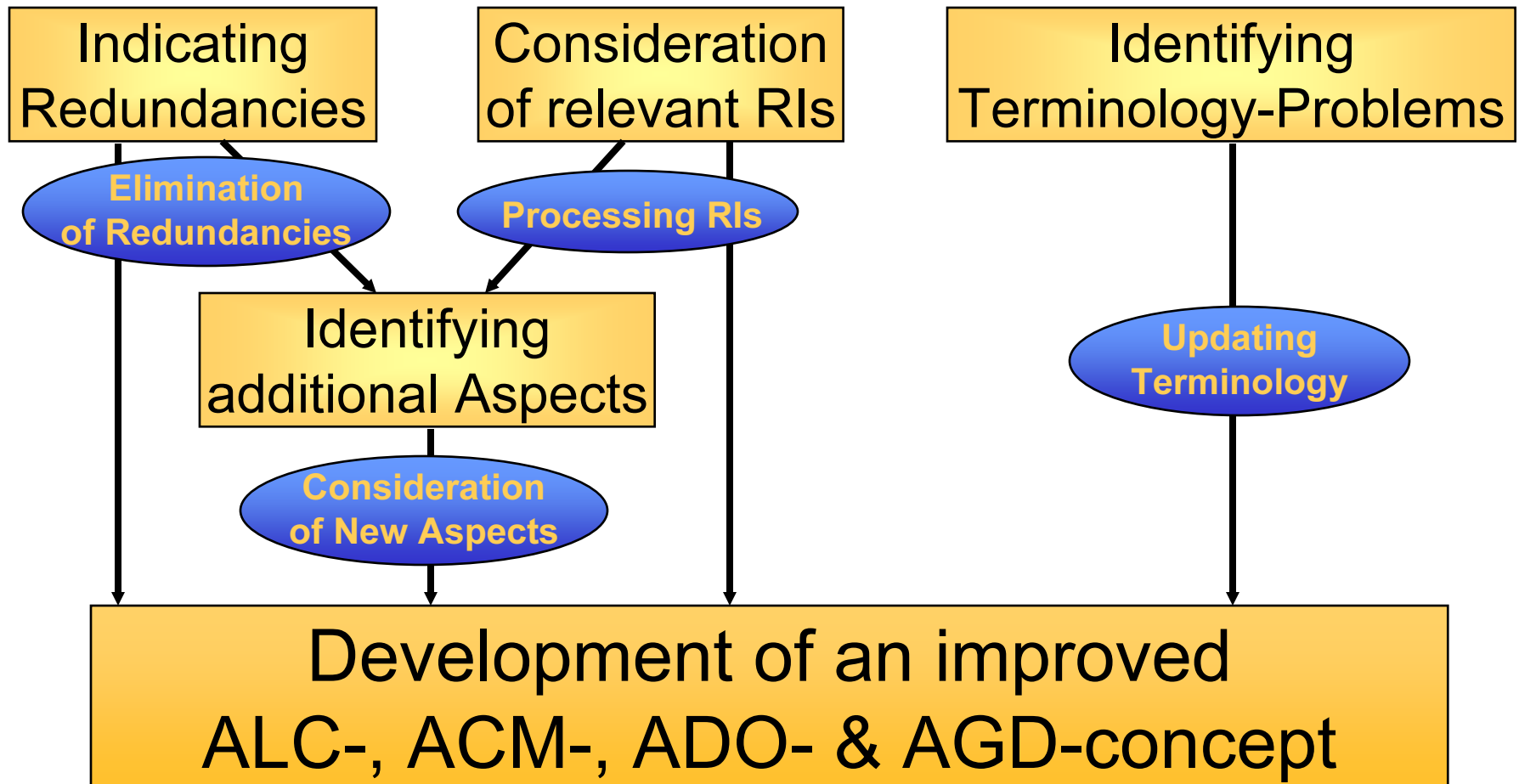
... not to modify **the contents** of the concerned classes.

However, **minor changes** of the contents should be made **whenever sensible and helpful** for the Revision.

Project Strategy

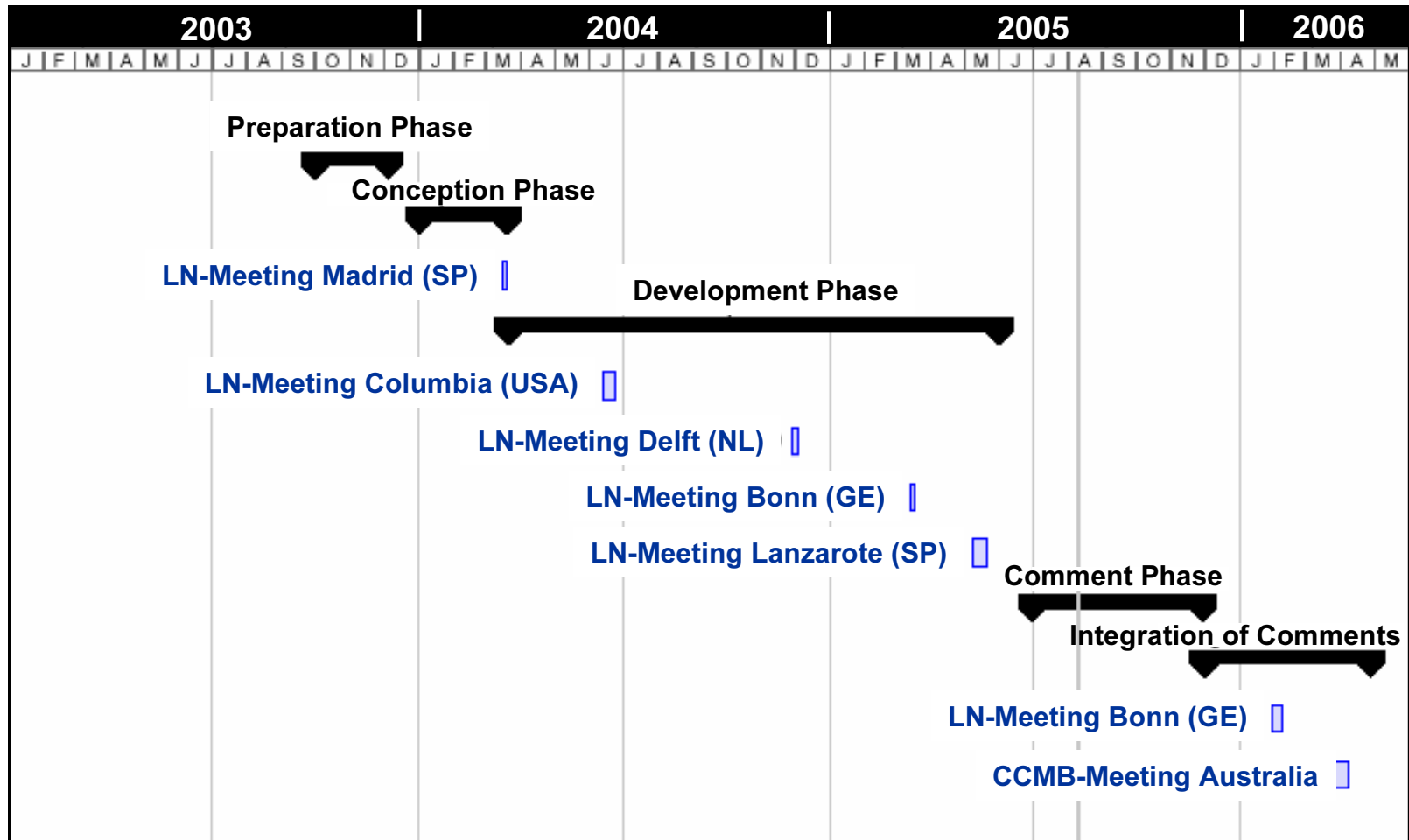


Development Strategy



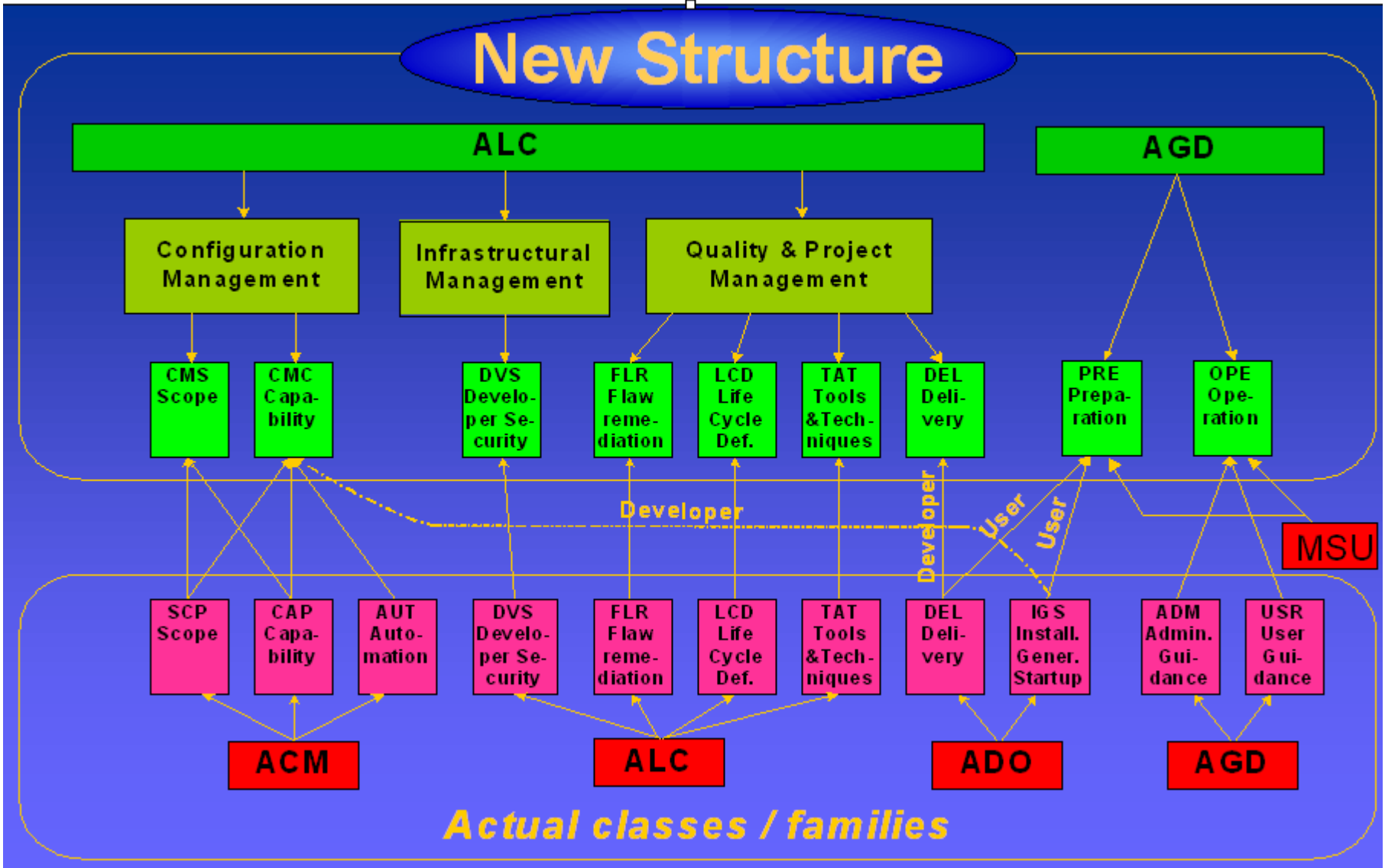
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Development Period



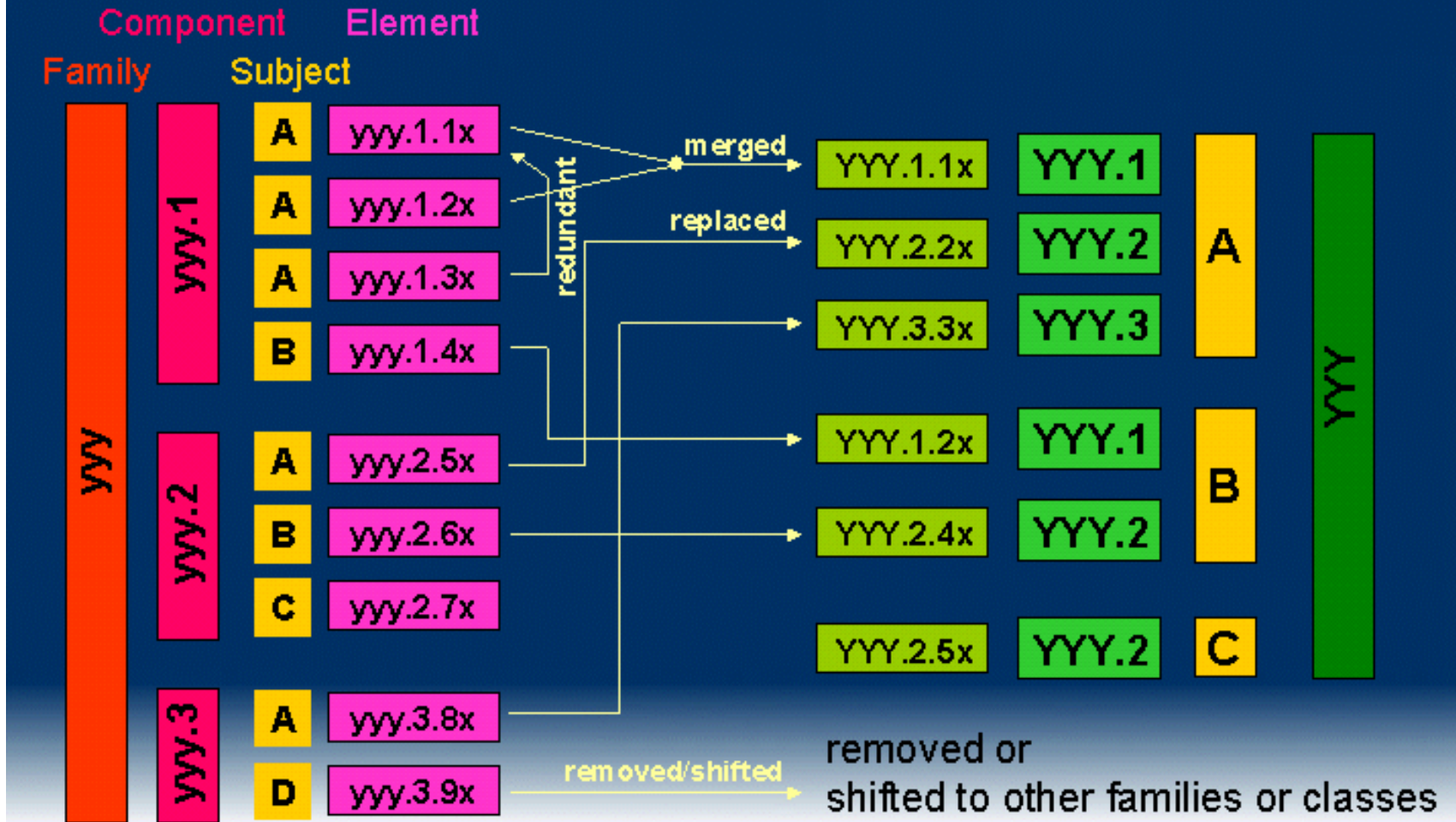
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New Structure

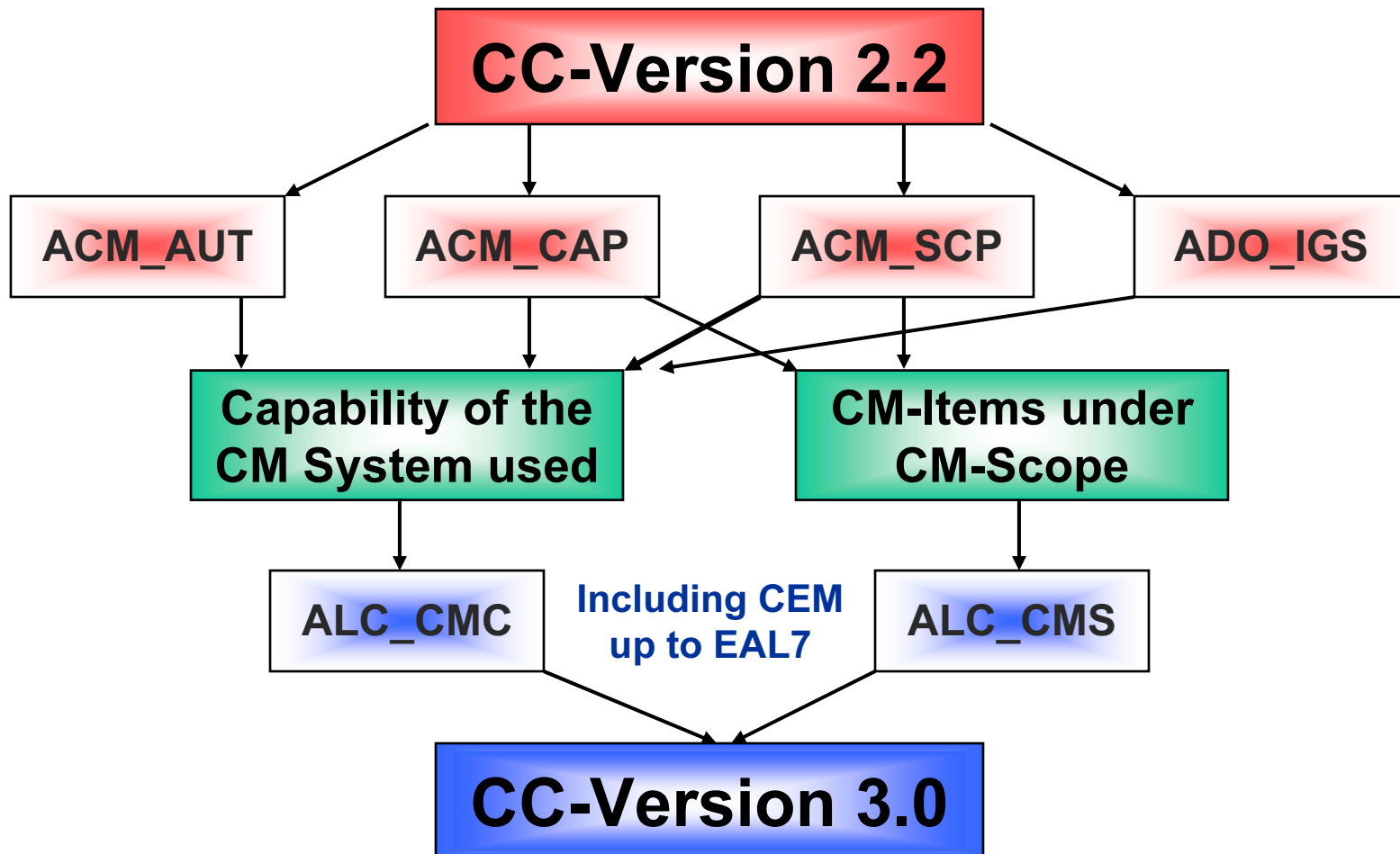


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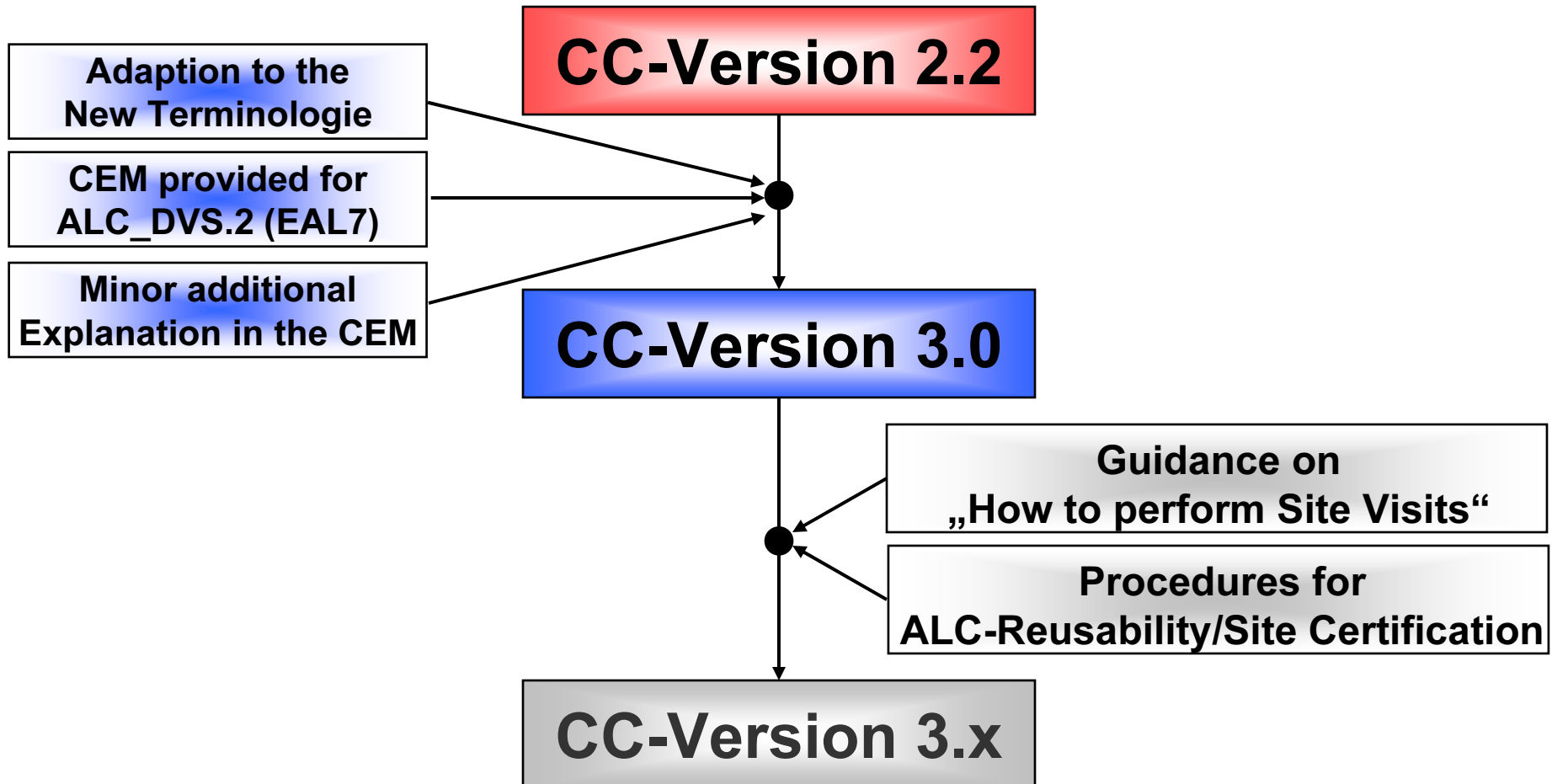
New ALC/AGD Family Structure



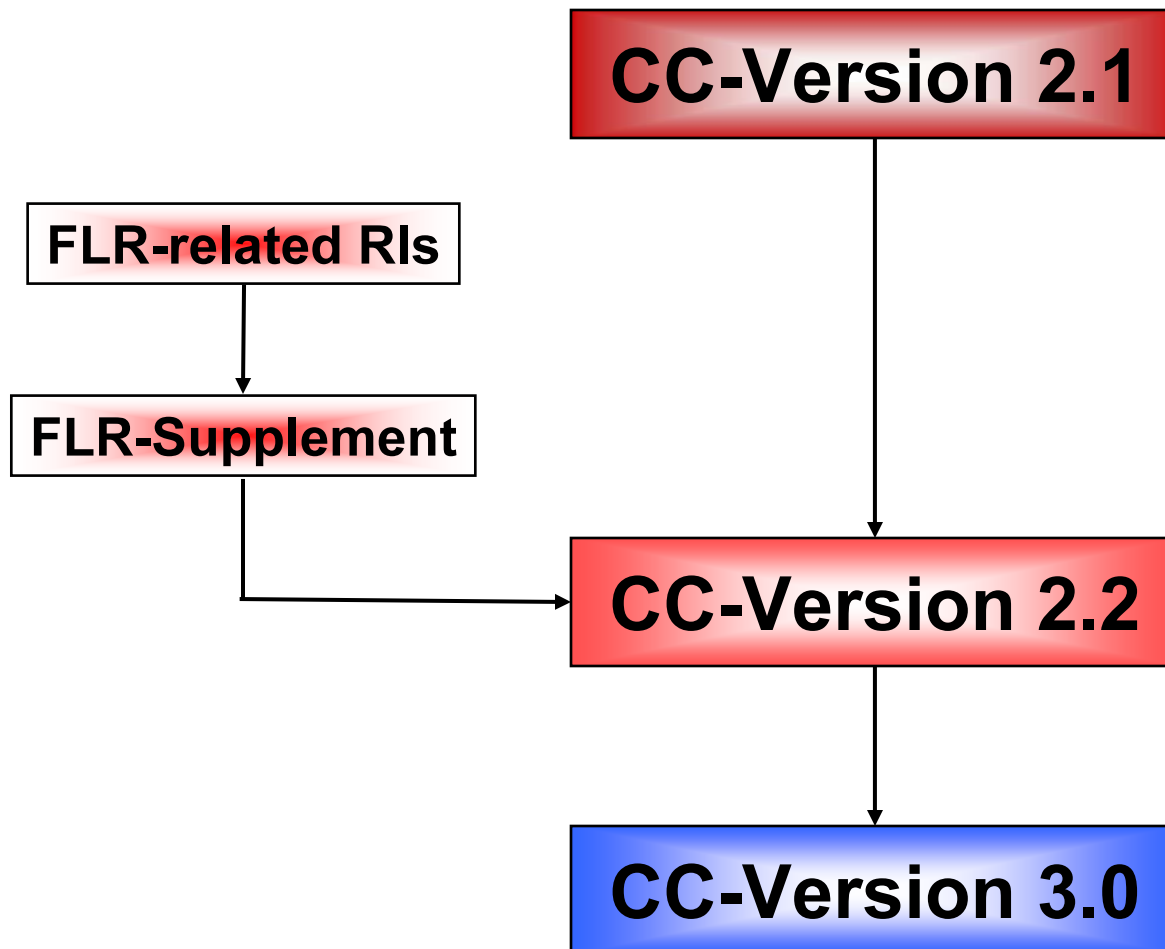
The **new** ALC Families **CMC & CMS**



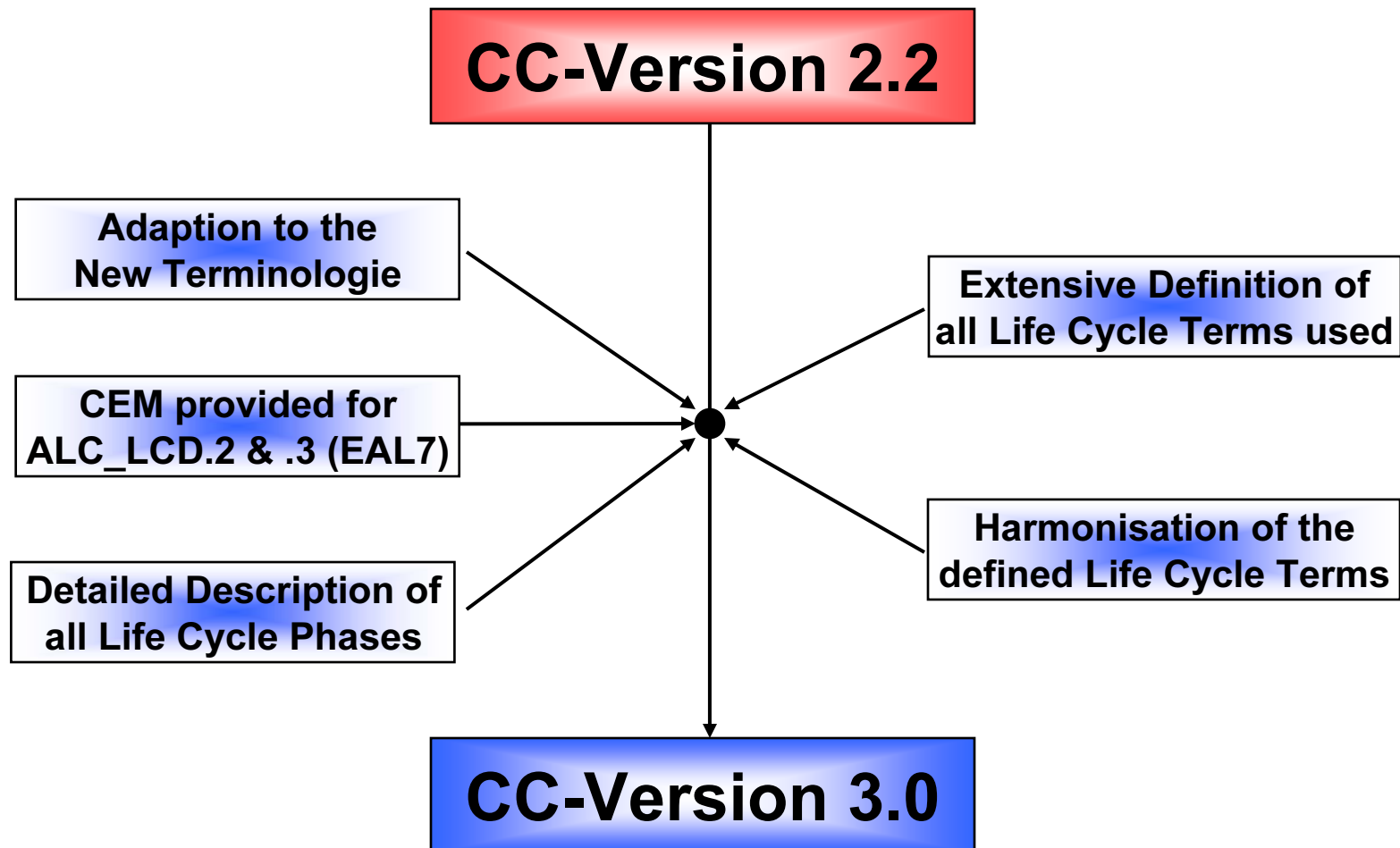
The updated ALC Family DVS



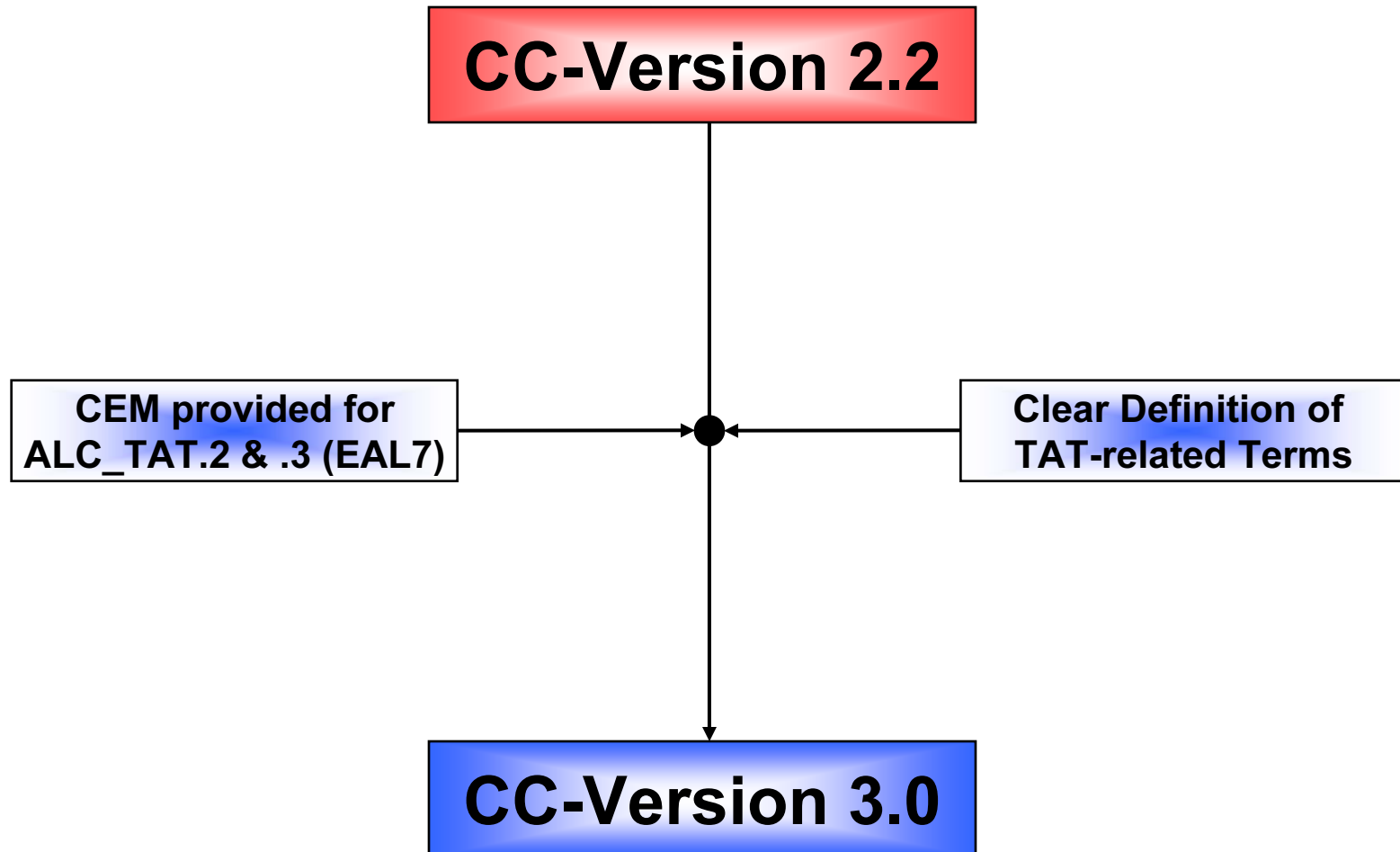
The **untouched** ALC Family **FLR**



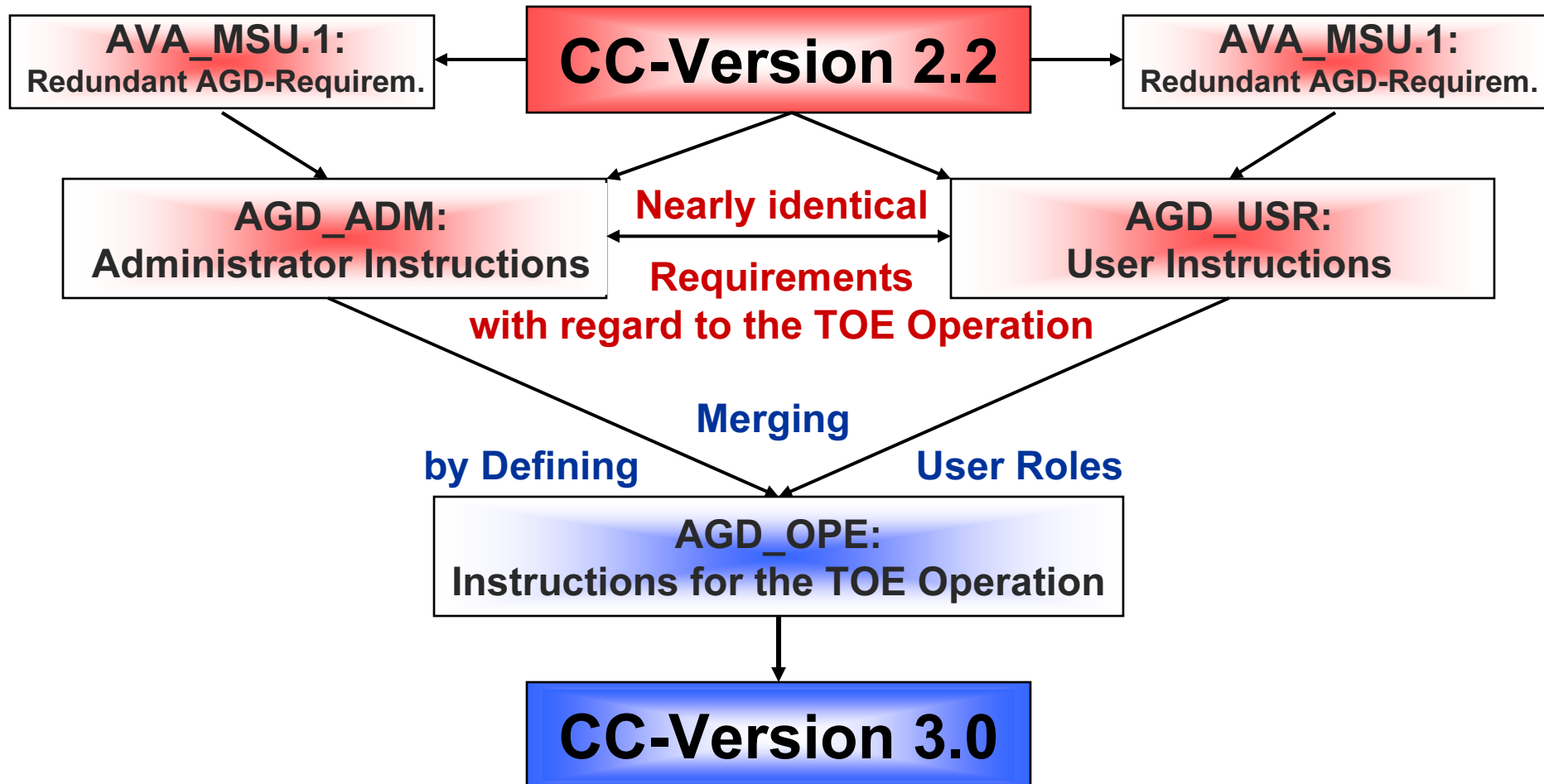
The clarified ALC Family LCD



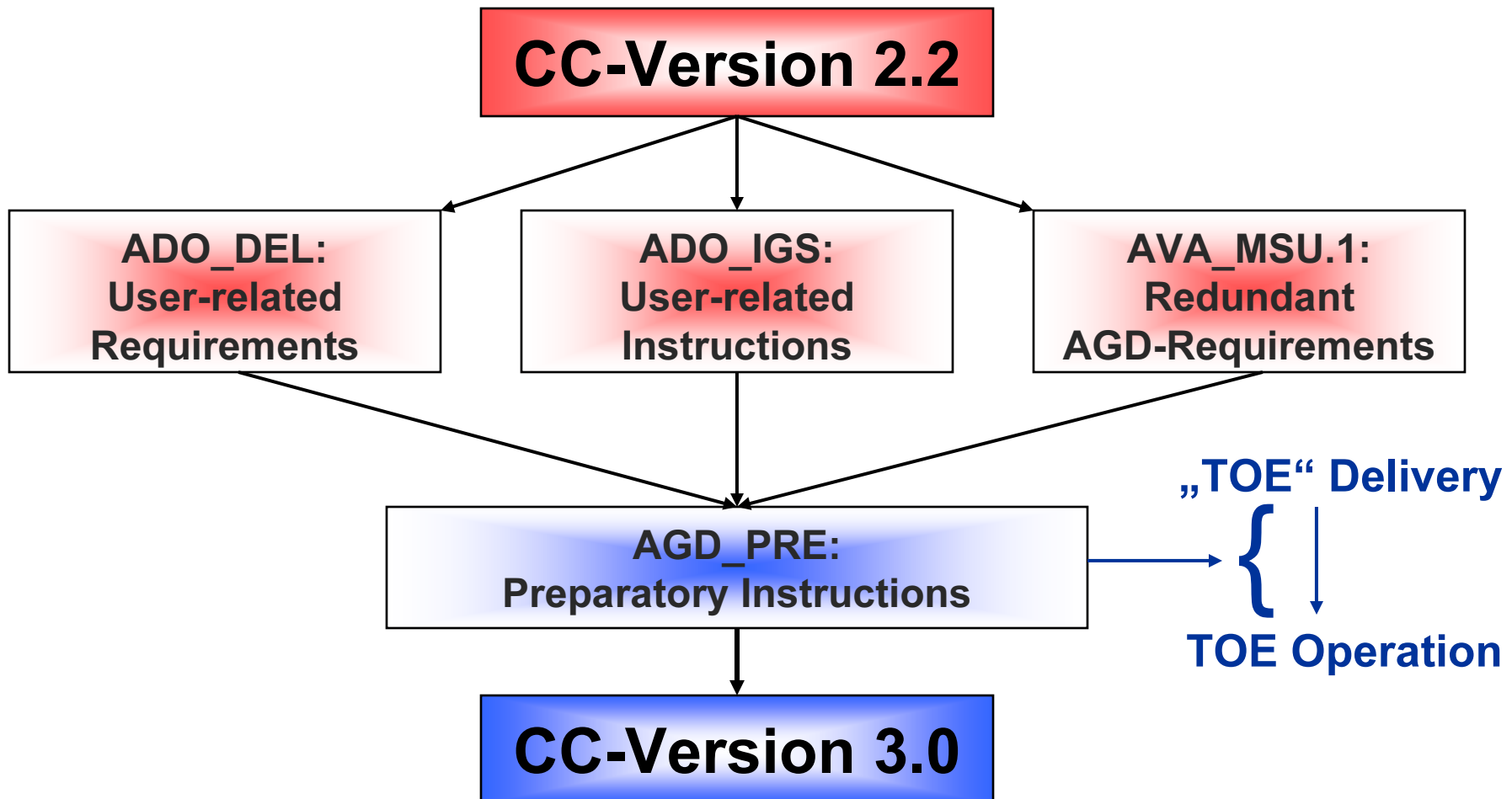
The **completed** ALC Family **TAT**



The merged AGD Family OPE

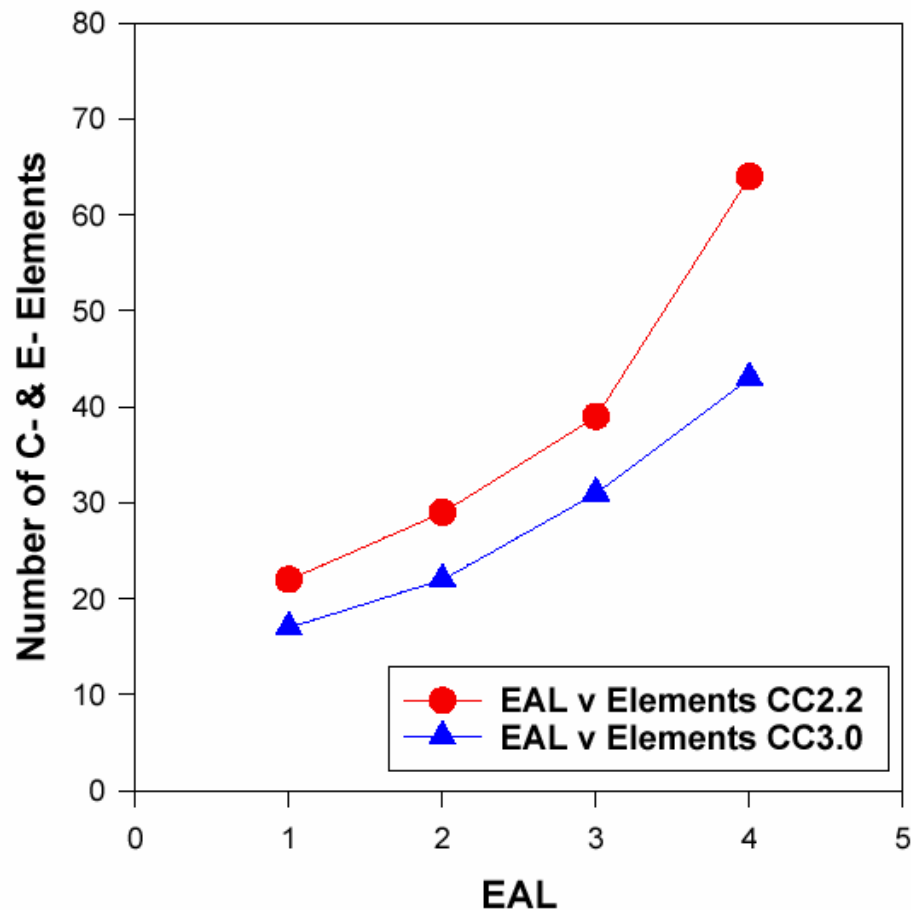


The **complementary** AGD Family **PRE**



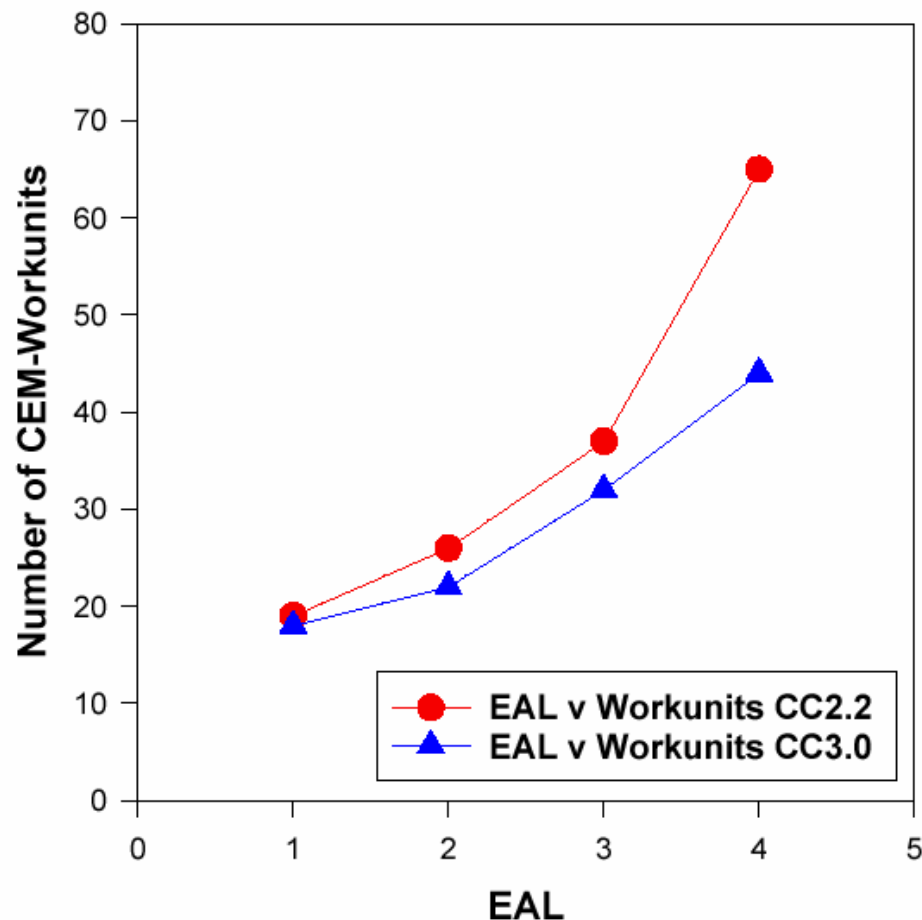
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Benefit of the new ALC & AGD (I)



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Benefit of the new ALC & AGD (II)



Summary (I)

- 28 RIs have been solved and/or considered
- The ALC- and AGD-Terminology has been redefined where necessary
- The old ALC, ACM, ADO and AGD Classes have been reorganised by elimination of redundancies
- Several new aspects have been taken into account
- Development of a complete ALC-CEM for EAL > 4

Summary (II)

- The internal Structure of all ALC and AGD Families has been changed
- Elimination of Redundancies between AGD and AVA_MSU
- A Transition Guide is provided which explains all ALC & AGD related changes
- The new ALC leads to an efficient evaluation process which reduces evaluation time and money

Contact Information

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