Requirements management through AIIG Contracts

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THE REUSE COMPANY

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  - What is the need for A||G Contract?
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Introduction to

TRC and the Presenter

ABOUT THE REUSE COMPANY

WHEN

01

The company was created in **1999**

As a spin-off of a University in Europe

WHO

02

Systems + Software Engineers

Smart combination between Company staff and R&D from Academia

WHERE

03

Headquarters:
Madrid (Spain)

International offices:
Stockholm (Sweden)
Tokyo (Japan) Delegation

2022:
USA Chicago/Detroit/Miami

WHY

04

To promote a **reusable**, **scalable** and global solution to a **smart** and **interoperable** Systems Engineering environment, by offering a **semantic knowledge centric** approach.

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The Presenter

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Marin L. Priala is a Romanian citizen residing in Spain.
He works as a software engineer and project developer within The Reuse company, with more than five years of experience.

He graduated in Computer Engineering at Carlos III de Leganes and with a natural ability to force and put all systems under stress, thus finding the limits of the systems.

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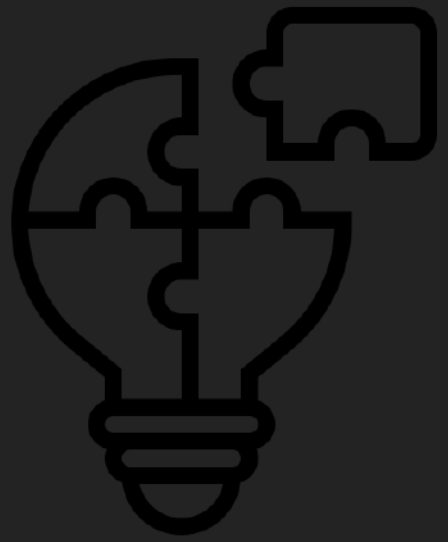


Problem description

What is A||G Contracts?

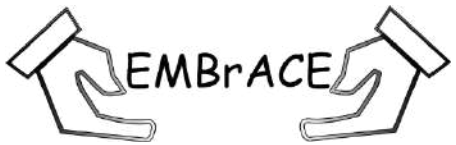
- An approach from the communication paradigm perspective on the requirements paradigm perspective.

What is the need for A||G Contract?

- In large organizations, efficient communication between teams is one of the great challenges.
- Both approaches need to be considered:
  - System requirements (what the delivering entity delivers).
  - Stakeholder needs and requirements (what the receiving unit needs).

What is expected?

- Have the possibility of specifying requirements based on the definition of contracts between the assumptions (A) made and which entities could guarantee (G) the fulfilment of the assumption.
- At the same time have the possibility to ensure the fulfilment of the contract and the underlying reasoning.



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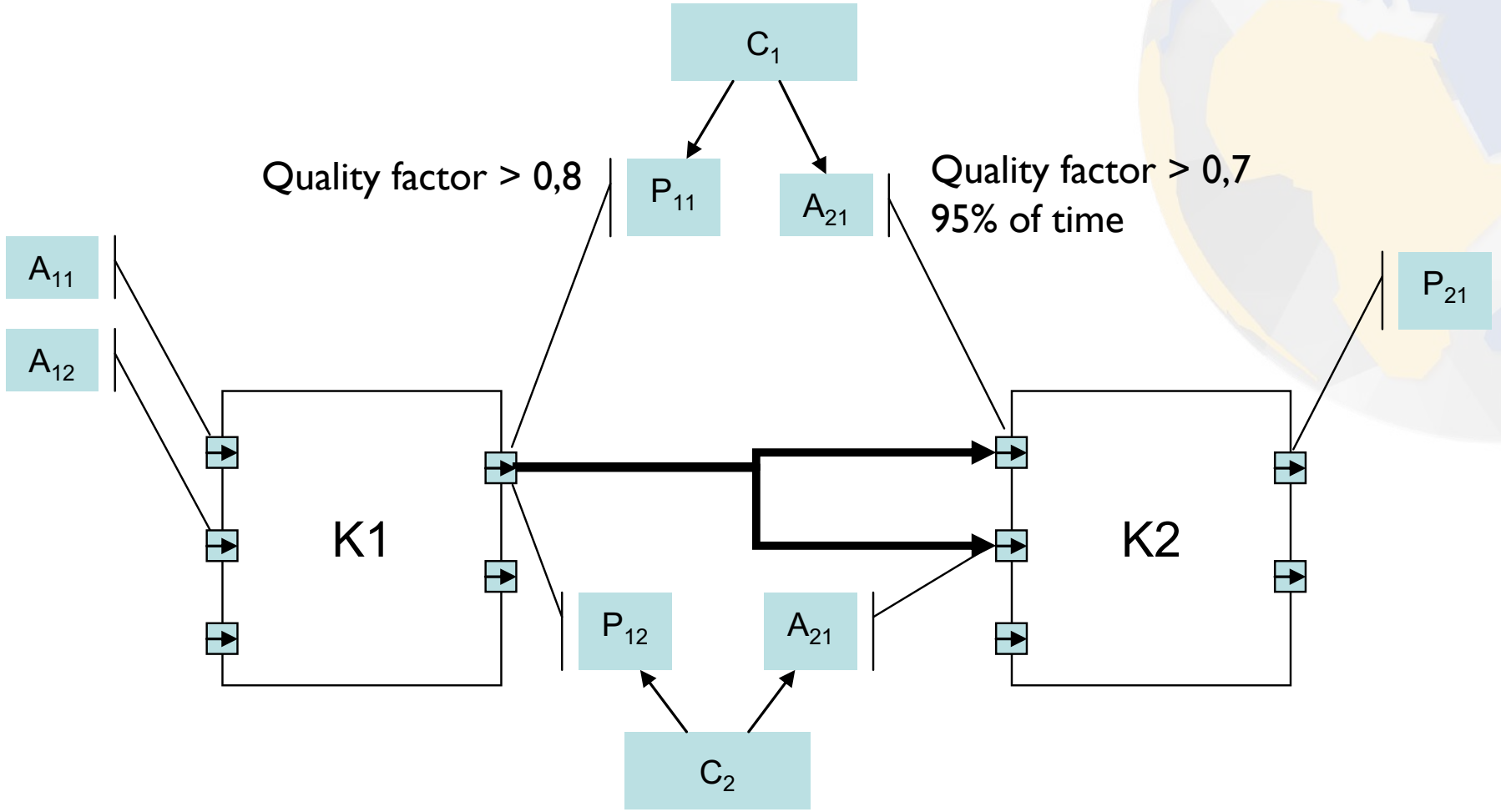
Problem description



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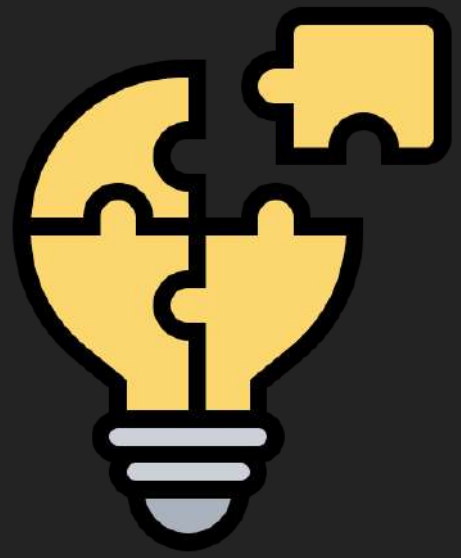
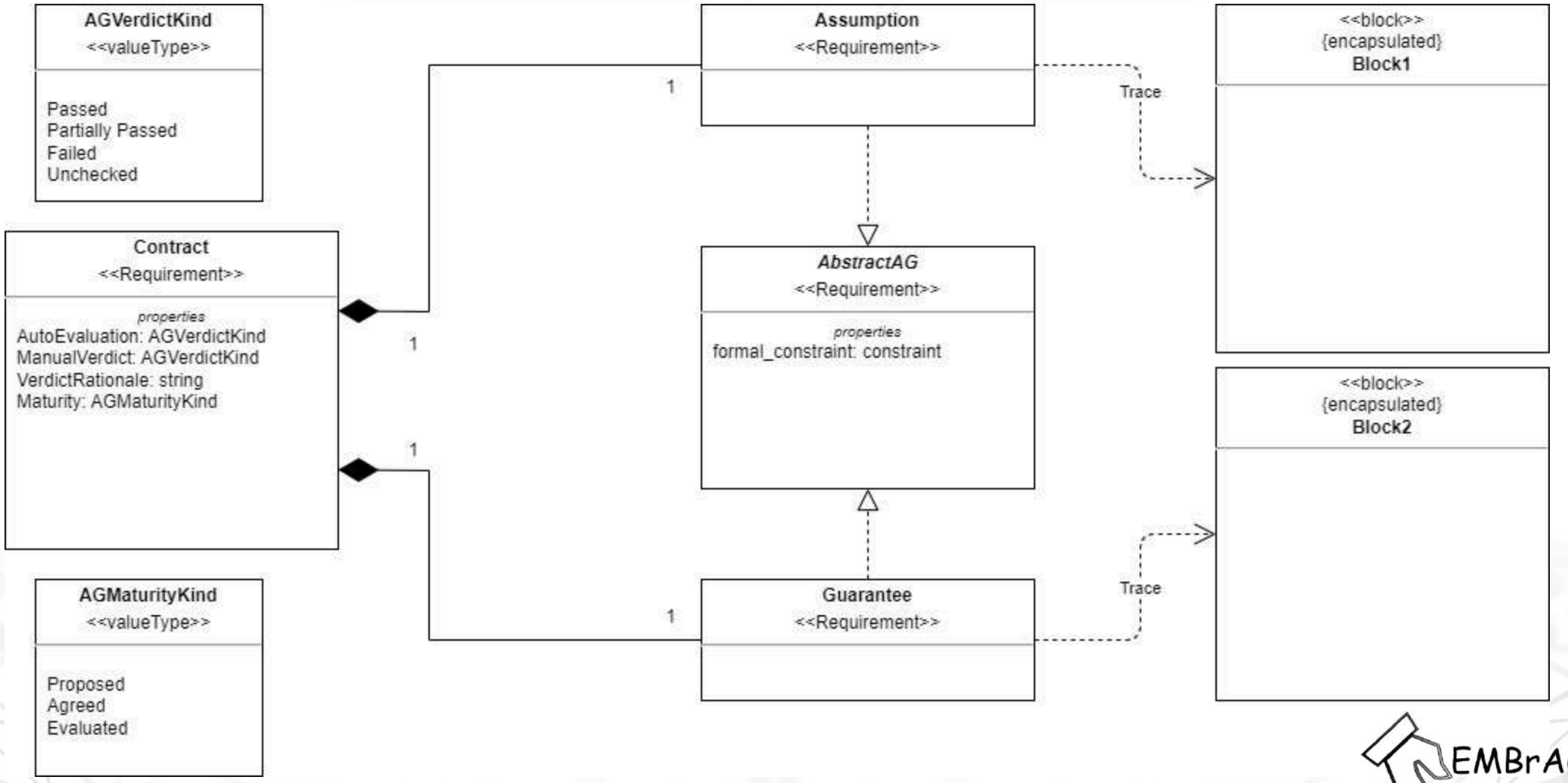


Solution description

Metamodel



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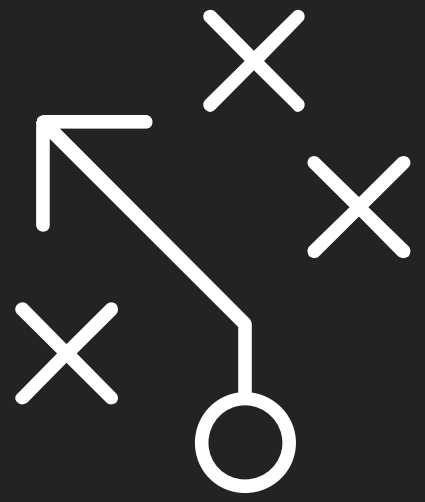
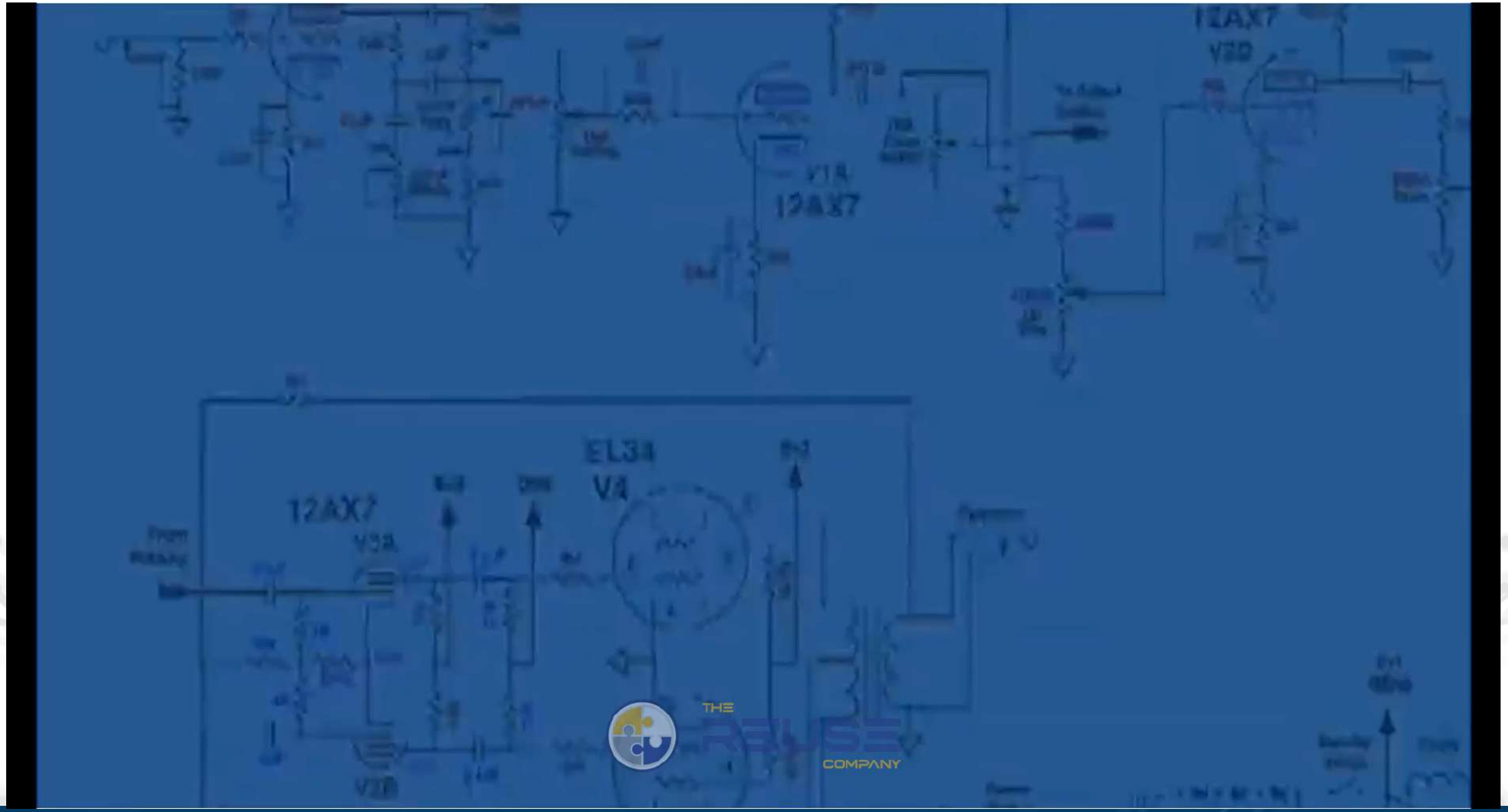


Short demo



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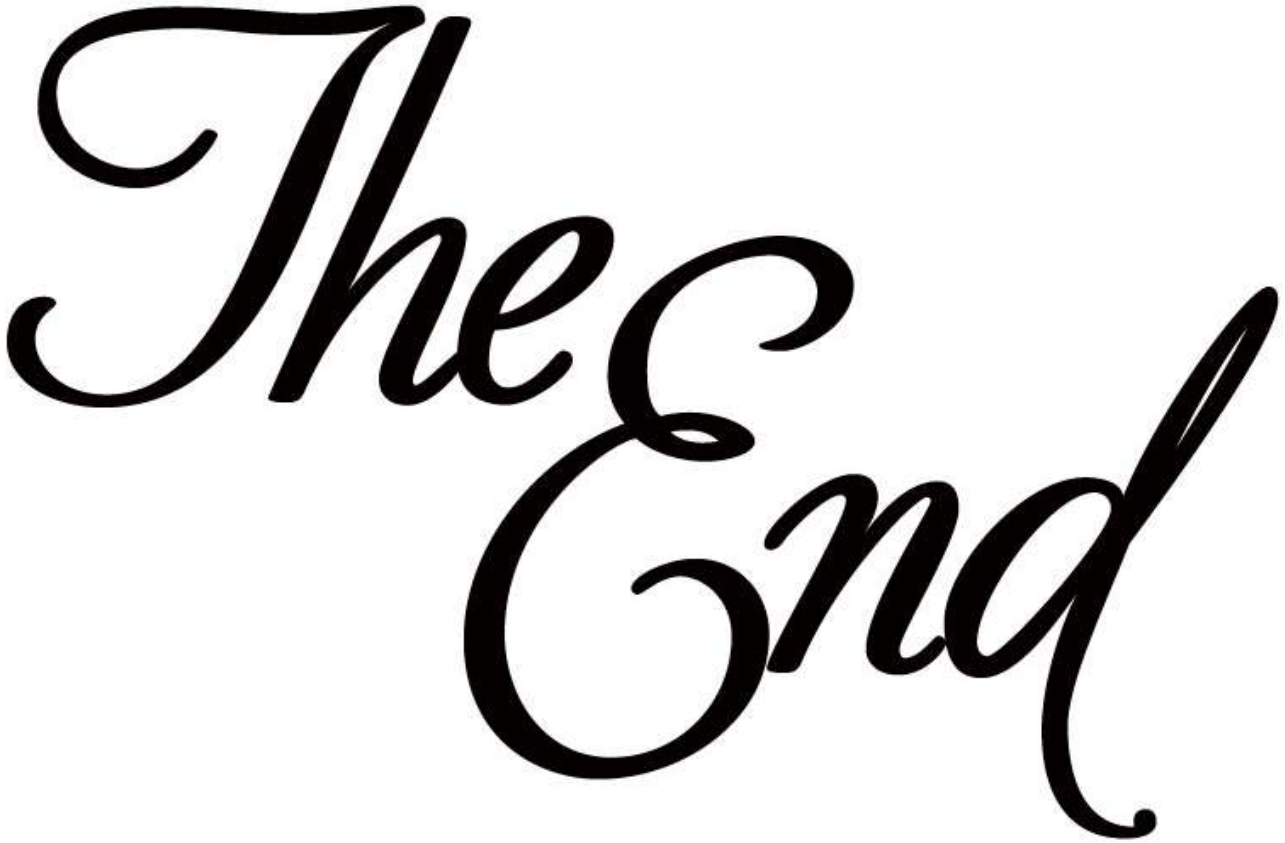

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Q&A

CONFIGURATION MANAGEMENT WITH SES ENGINEERING STUDIO - FROM A TOOL-CENTRIC TO A LIFE CYCLE-WIDE APPROACH

- *How to deal with configuration management (CM) all across the system life cycle?*
- *How to deal with version and change management of your assets in complex tool ecosystems?*
- *How to convert configuration management into an effective, automatic and tool-neutral task?*

If the answer is yes, do not think twice and join our next webinar describing how SES ENGINEERING Studio would help you embrace a life-cycle-wide approach of Configuration Management processes!

- **Dates:** November 29 and December 1, 2022

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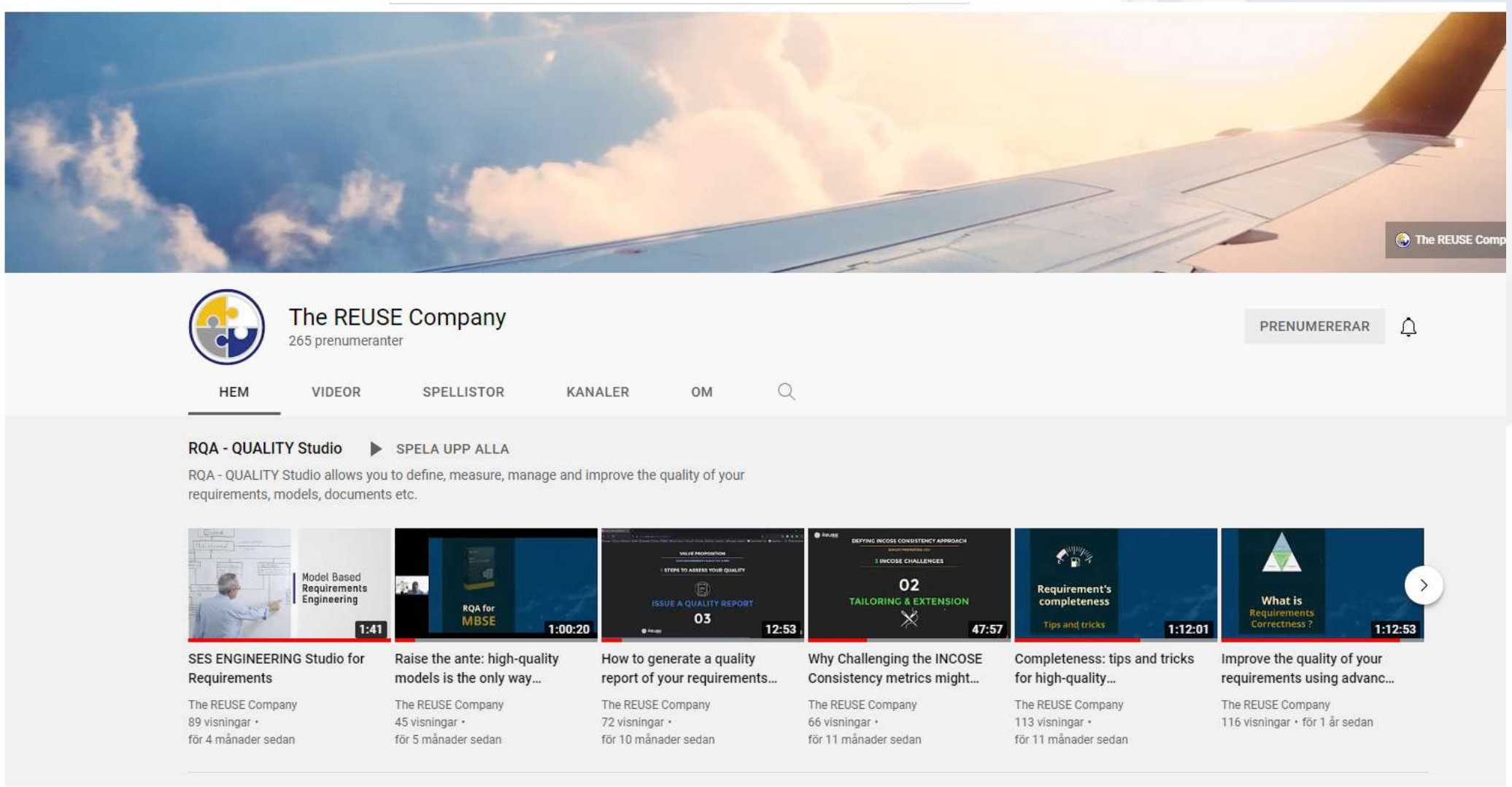

The REUSE Company in Youtube: https://www.youtube.com/user/TheREUSECompany

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