

**INNOVATION**  
**WITHOUT LIMITATION**

# Variant Management Product Strategy

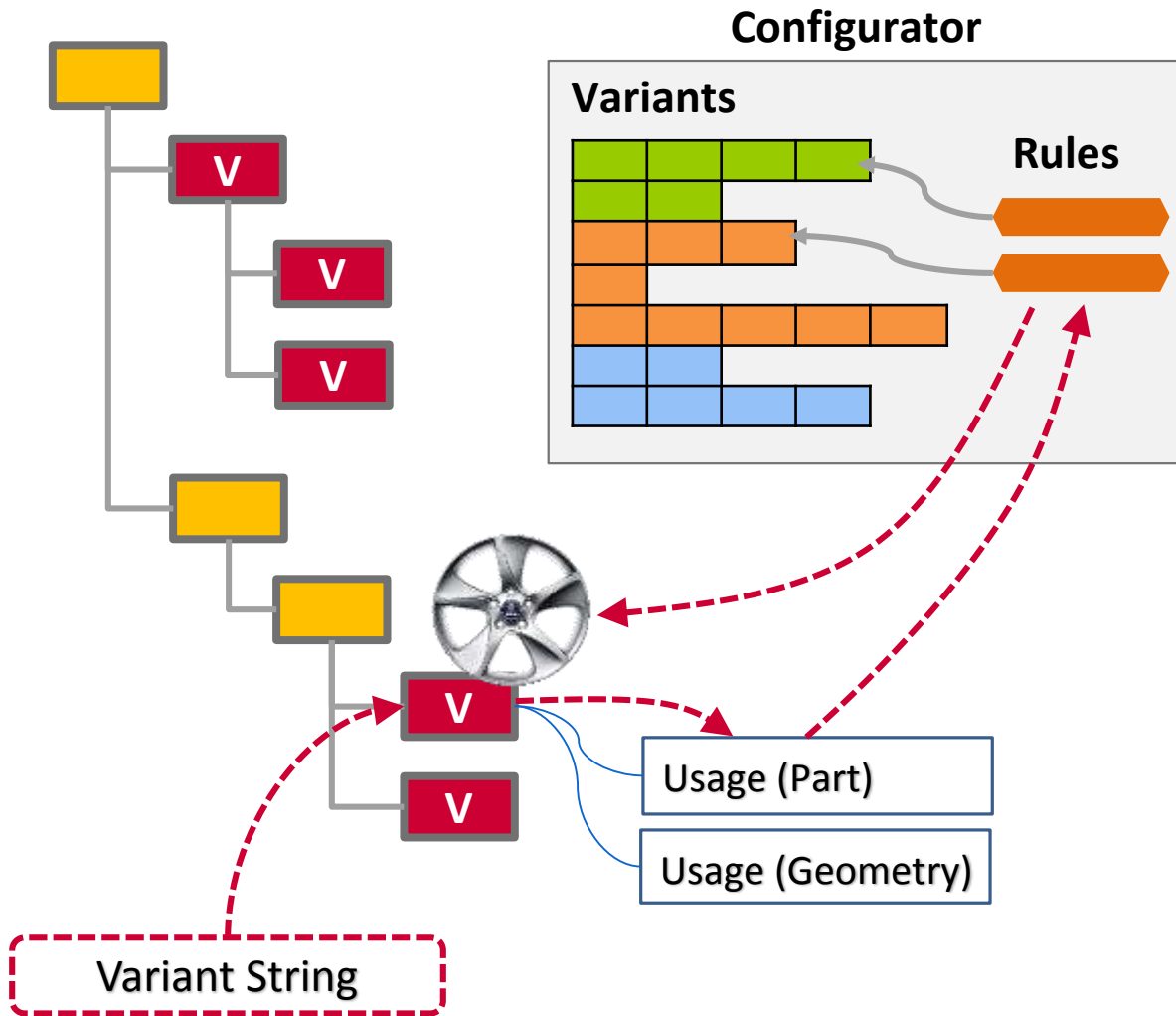
Lopa Subramanian

# Agenda

- Product Variability
- Components of Variability
- Aras Approach
- UI
- Use cases

# Variants & Options

Release 11 SP10 – H2 2016



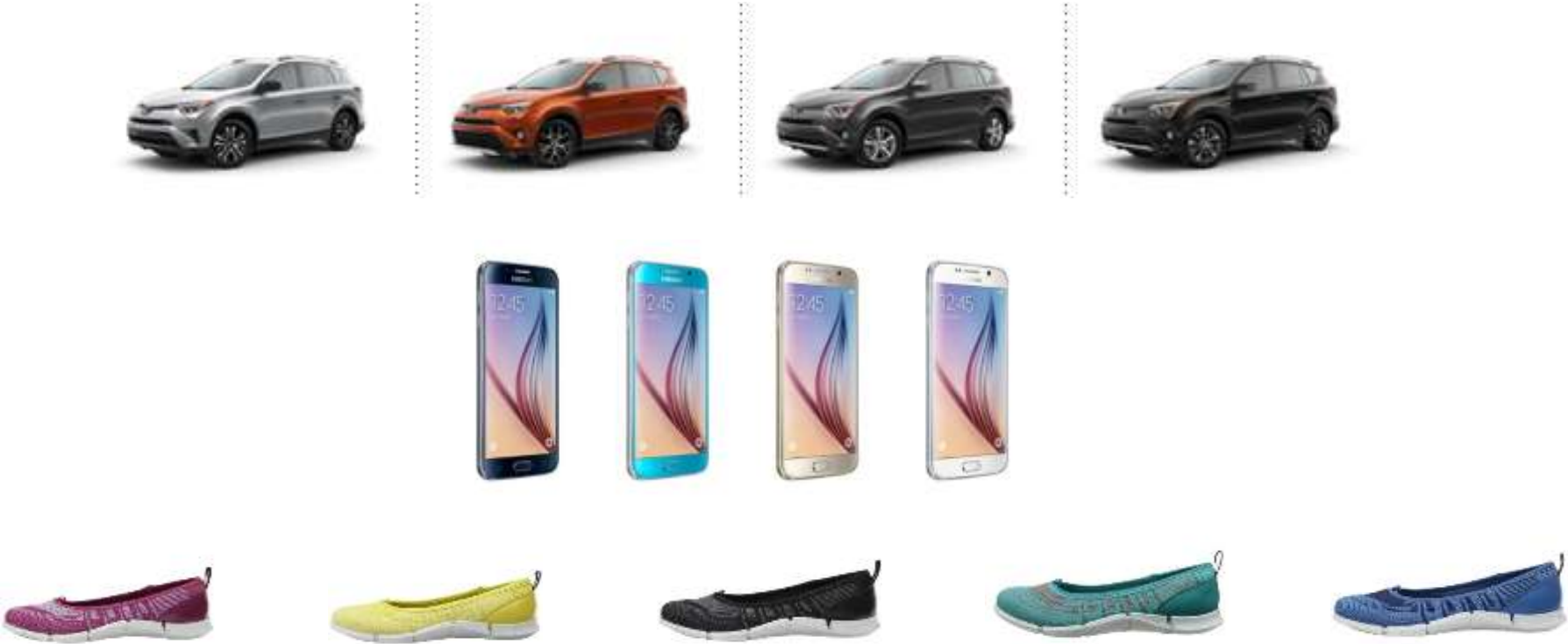
- Core Configurator Engine for defining and resolving Variability
- Rules define permitted configurations
- Core service to express Effectivity
- Usage applies Variability to Items & Relations
- Usage resolved for specific Variations
- Basis for sales & product configurator



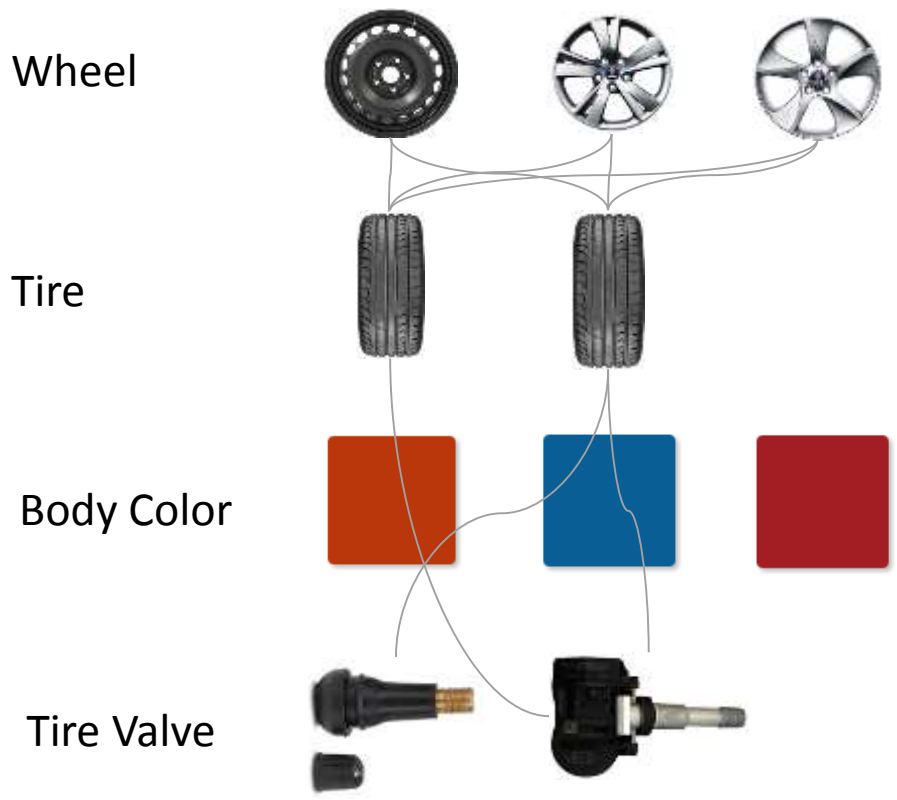
KeiperRecaro Group

National  
Electric Vehicle  
Sweden

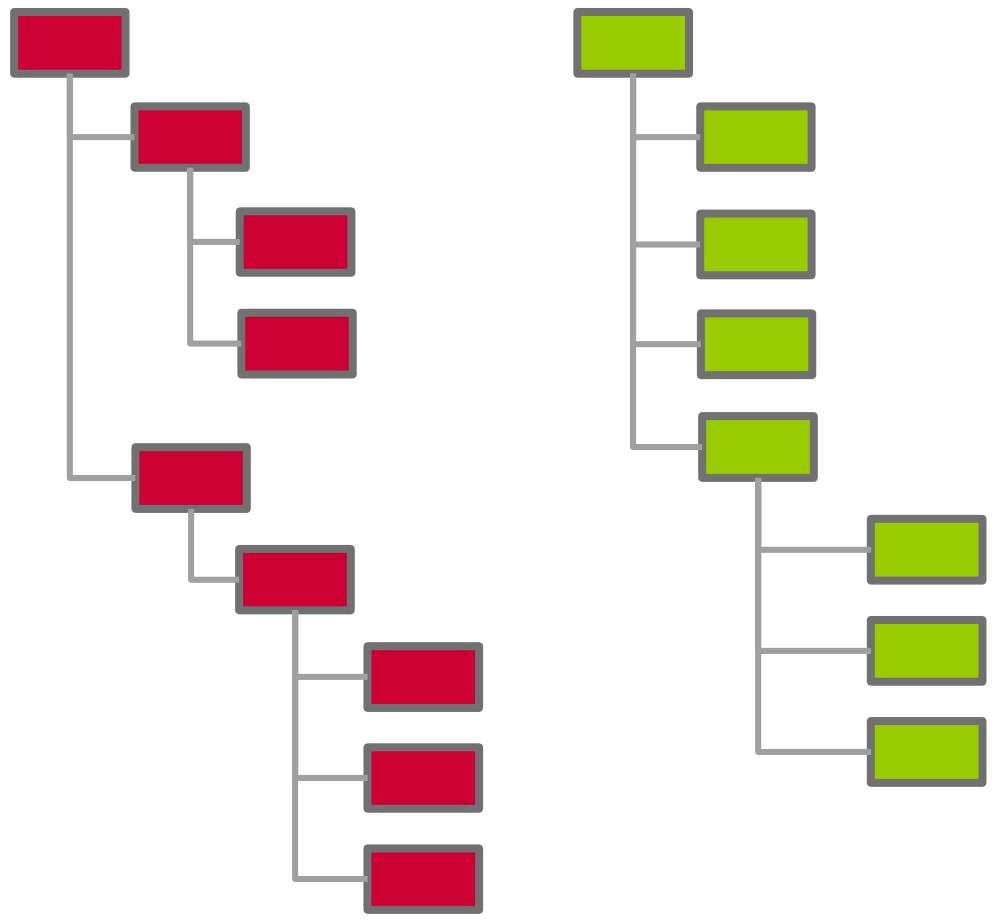
# Product Variability



# Components of Variability

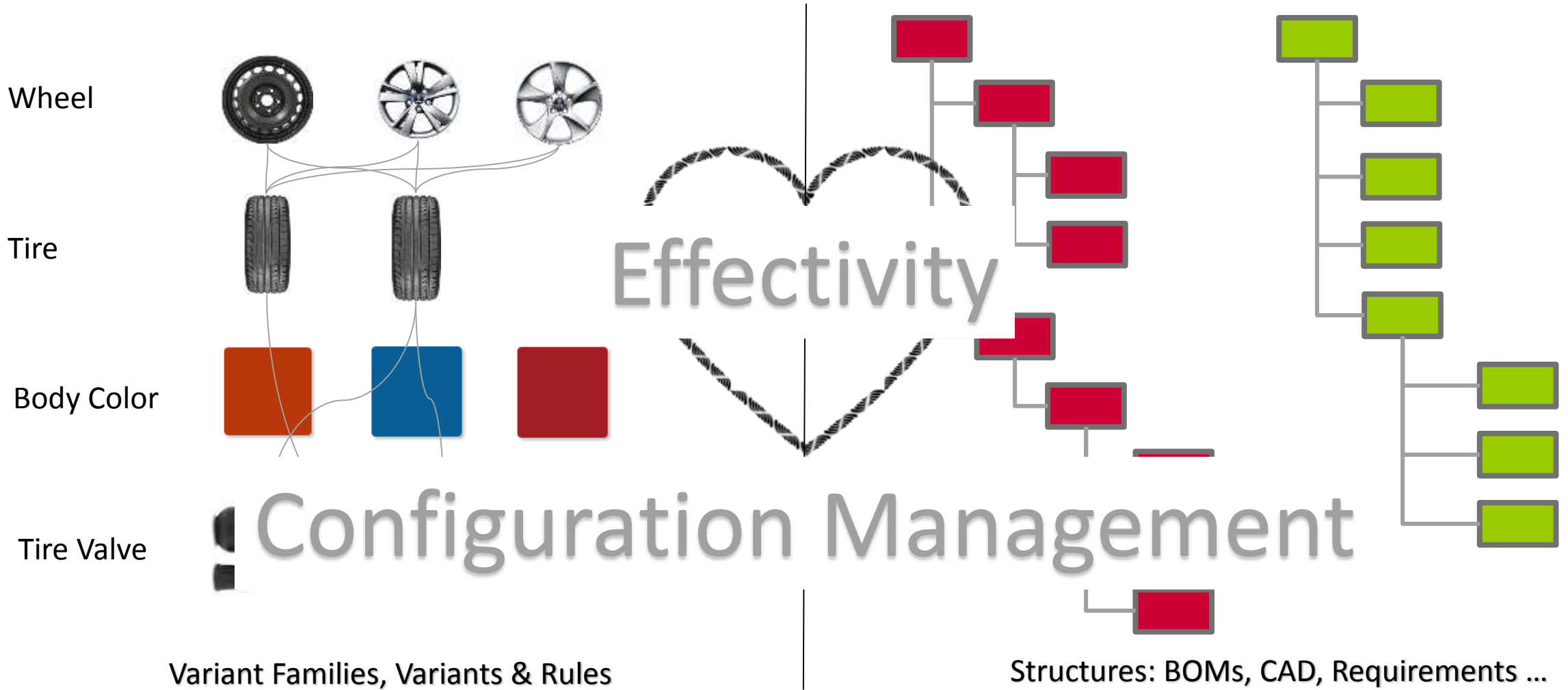


Variant Families, Variants & Rules



Structures: BOMs, CAD, Requirements ...

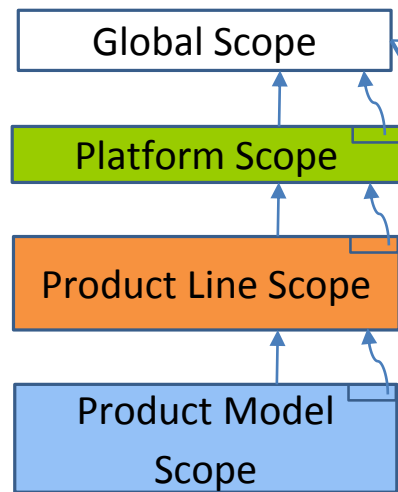
# Components of Variability



# Variant Families, Variants & Rules



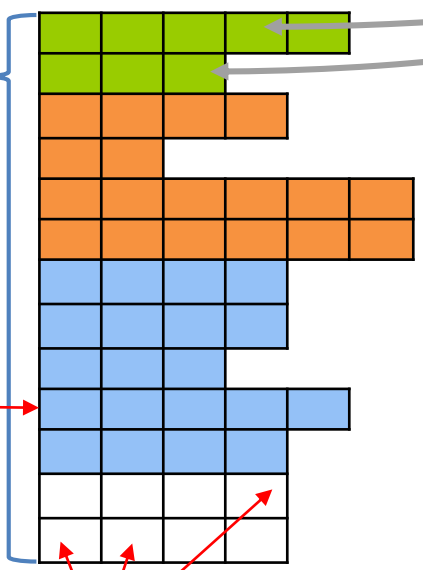
## Schema of Hierarchical Scope



## Rules



## Variant Dictionary



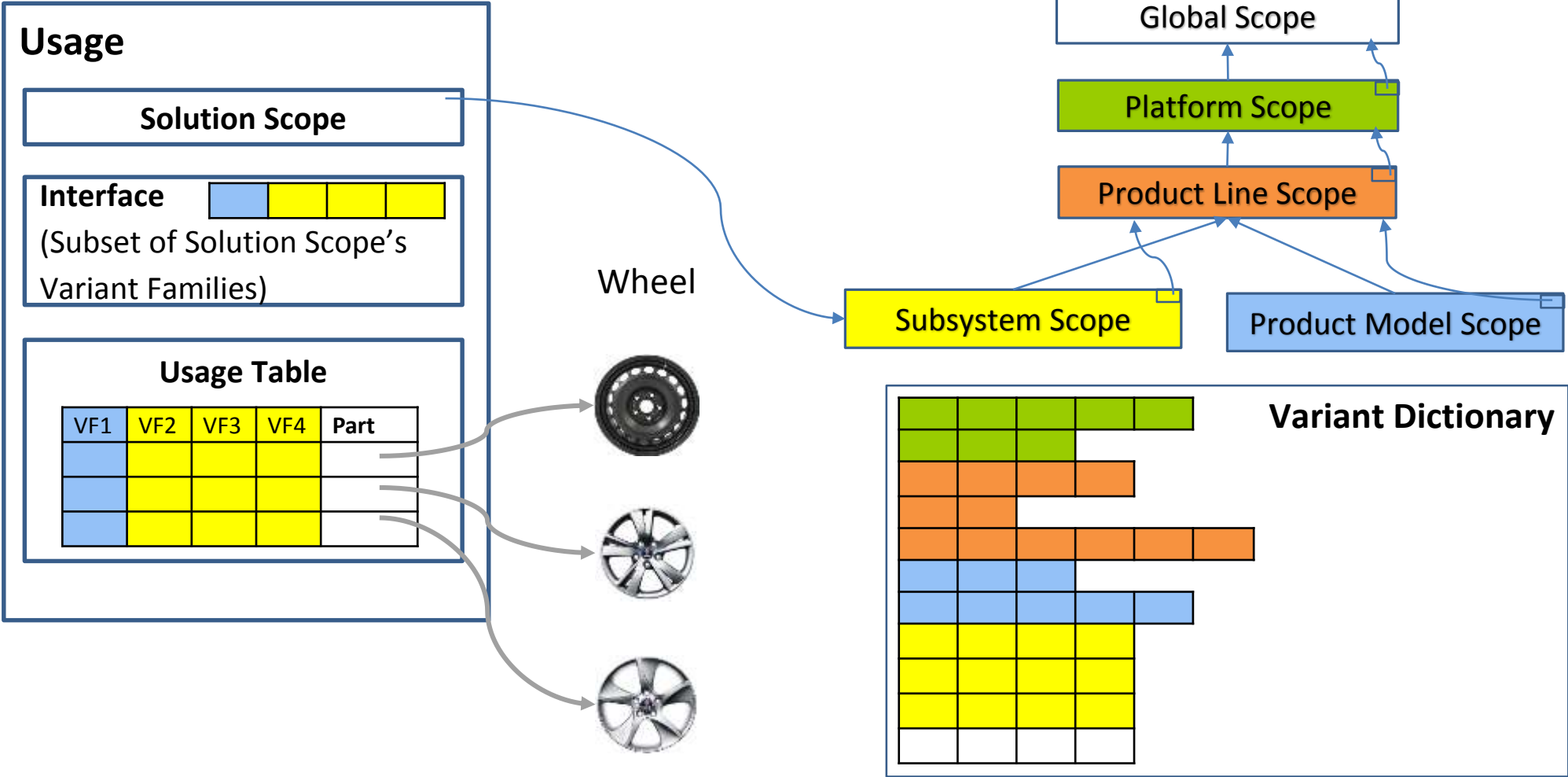
Effectivity

Variant Family

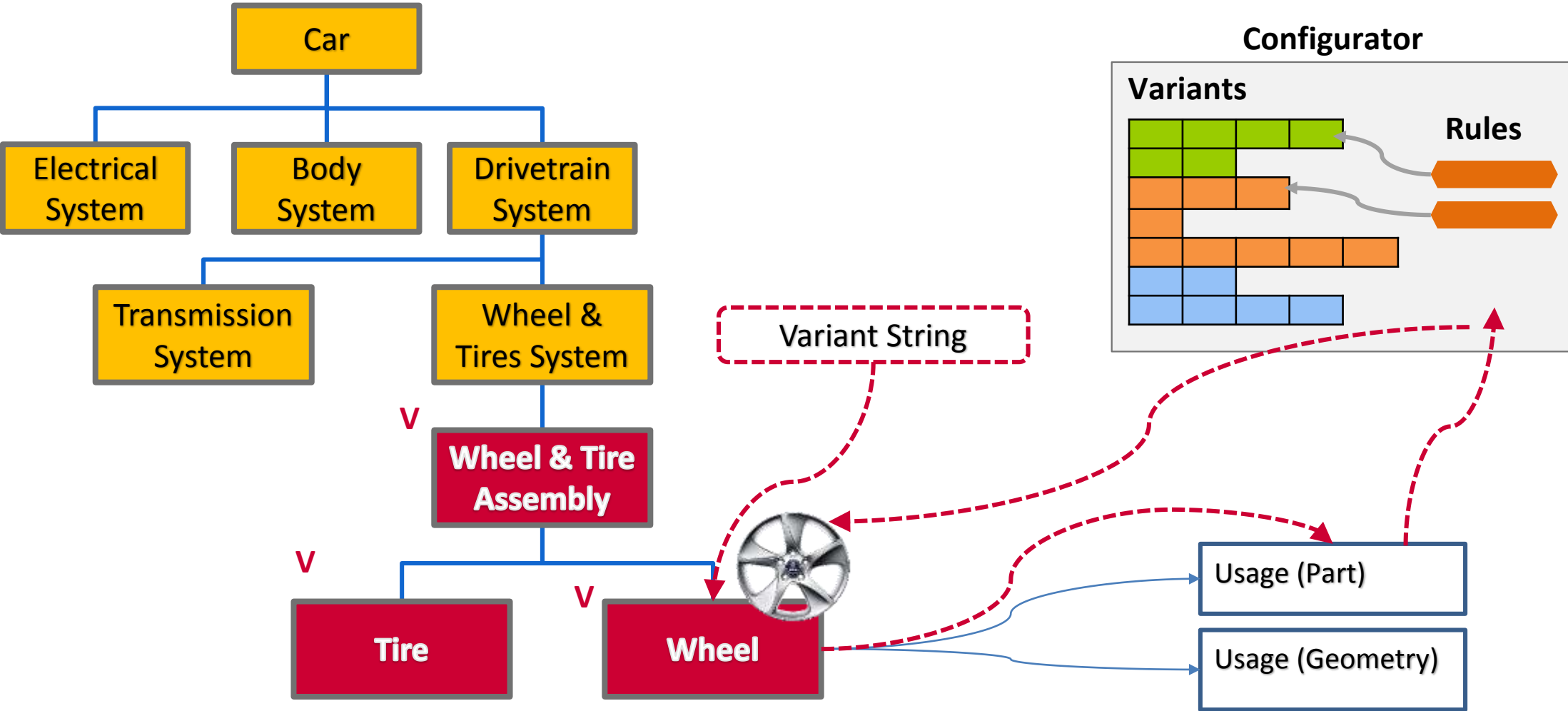
Variants



# Apply Variants to Objects & Relations



# Generic Structure



# UI



- Product Configurator
- Sales Configurator

# Use Cases: In Various Stages & Disciplines



- Ideation
- Development
- Production / Steady State
- Sales / Service

- System
- Mechanical
- Electrical
- Software

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