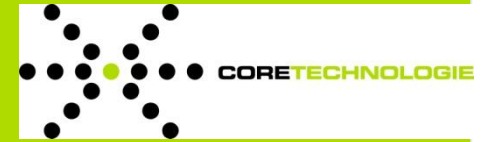




Feature Based Conversion

**CORETECHNOLOGIE**

# KERNEL



SOLID BREP  
MODELS

FEATURE  
BASED  
MODELS

FACETED  
MODELS

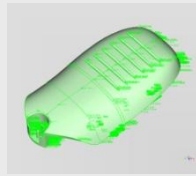
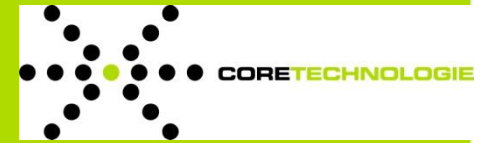
CT KERNEL

META  
DATA

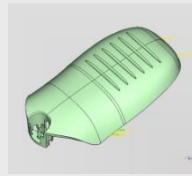
- KERNEL DEDICATED TO CAD DATA CONVERSION
- CAN BE FILLED WITH DATA COMING FROM EVERY CAD SYSTEMS
- CHECK DATA STRUCTURE CONSISTENCY

*„The future is feature-based“*

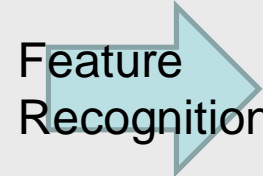
# Healing and conversion



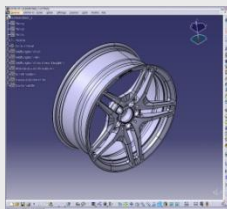
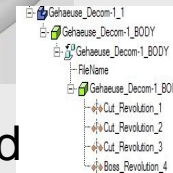
Set of Surface



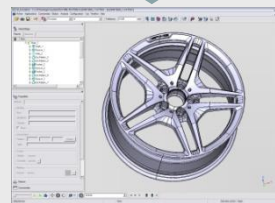
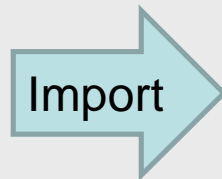
Solid



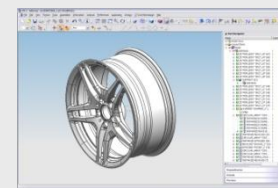
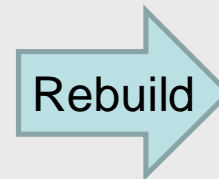
Feature Based



CATIA V5

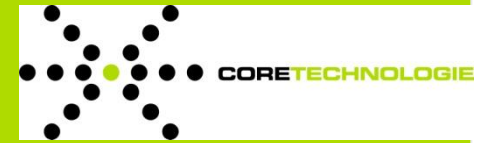


3D\_Evolution



Unigraphics

# Reading Interfaces and Rebuild



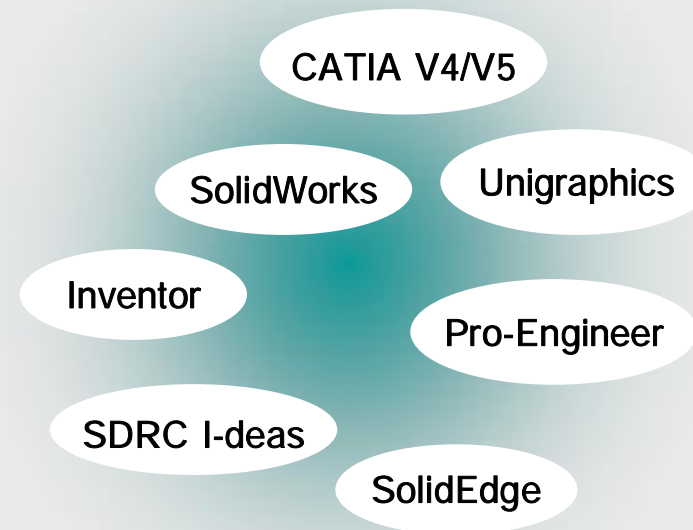
Native

## Reading

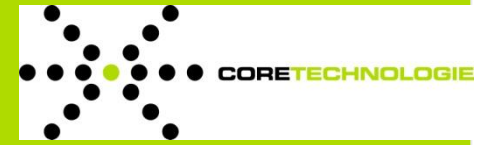
- Reverse Engineering
- No API, No License
- All information available
- Good knowledge of CAD System kernel and structure

## Rebuild

- Direct connection between 3D\_Evolution and CAD system (API)
- Interruptions



*Demo*



# *Demonstration*