

# V6: Product structure

PLM 2.0 :Porchys

# Introduction: V6

• PLM 2.0 is a 3D online environment designed to enable users to experience products virtually and to enable Intellectual Property (IP) generation in all user interaction. The new V6 architecture will cover all brands in the company: 3DVIA, CATIA, DELMIA, SIMULIA and ENOVIA.

• This document deals with Product structure of V6, Describes about Objects relating to product structure in V6.

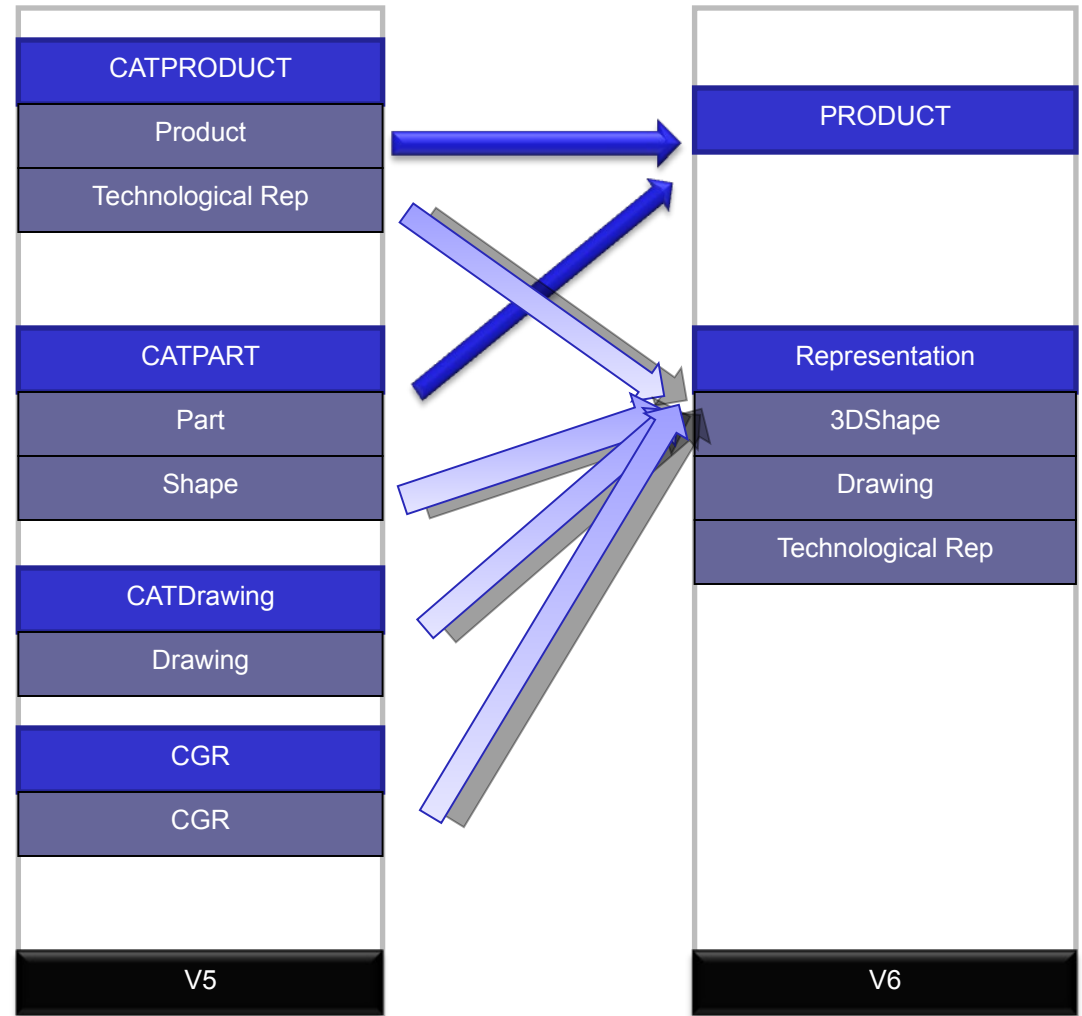
# V6 Product structure objects

In V5, The objects were

- CATProduct (Product, Technological rep)
- CATPart (Part, Shape)
- CATDrawing (Drawing)
- CGR (cgr)
- CATAnalysis
- CATProcess

In V6, the Product structure objects are

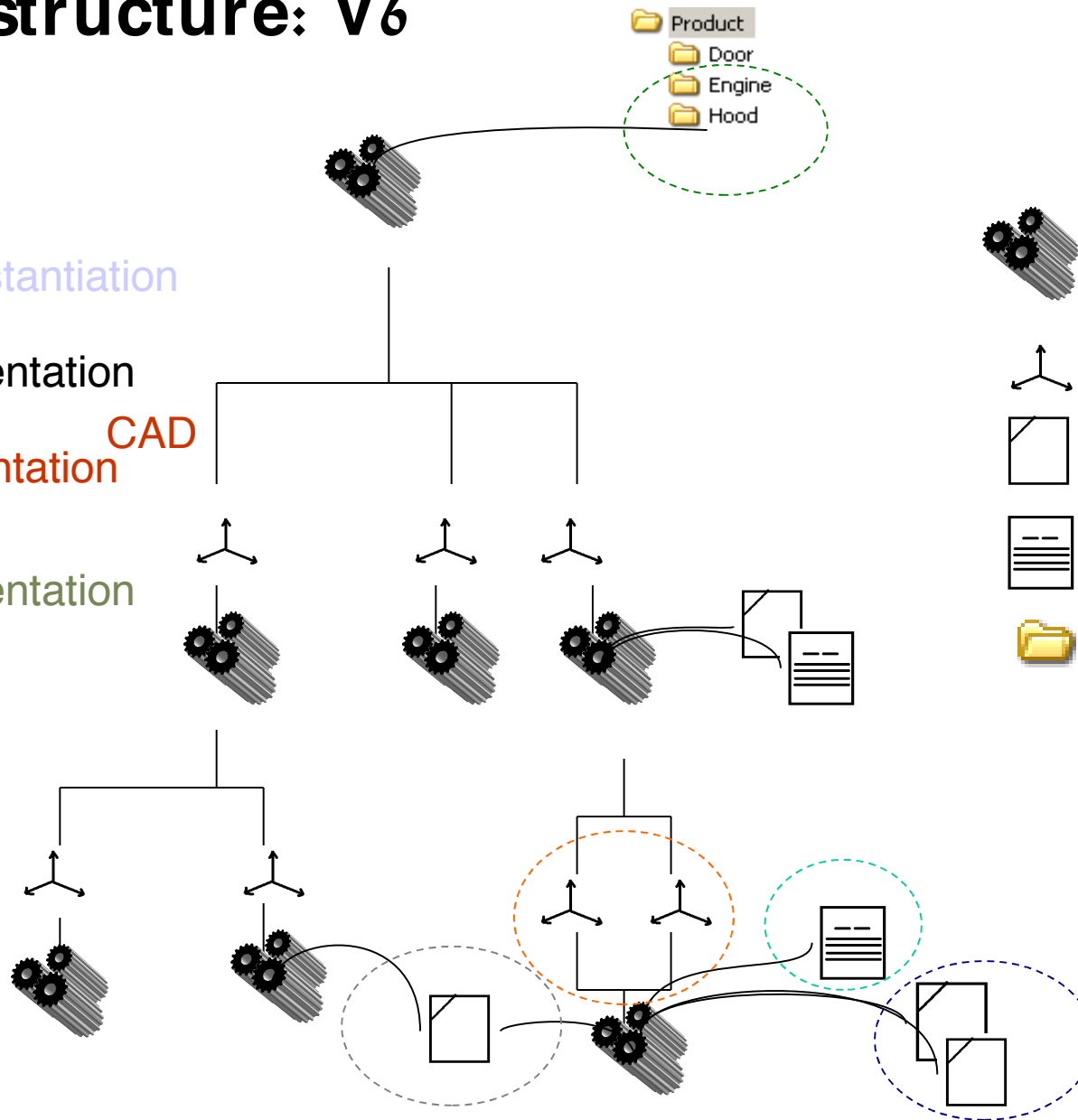
- Product
- Representation
  - 3DShape
  - Drawing
  - Technological Rep(DMU ... )



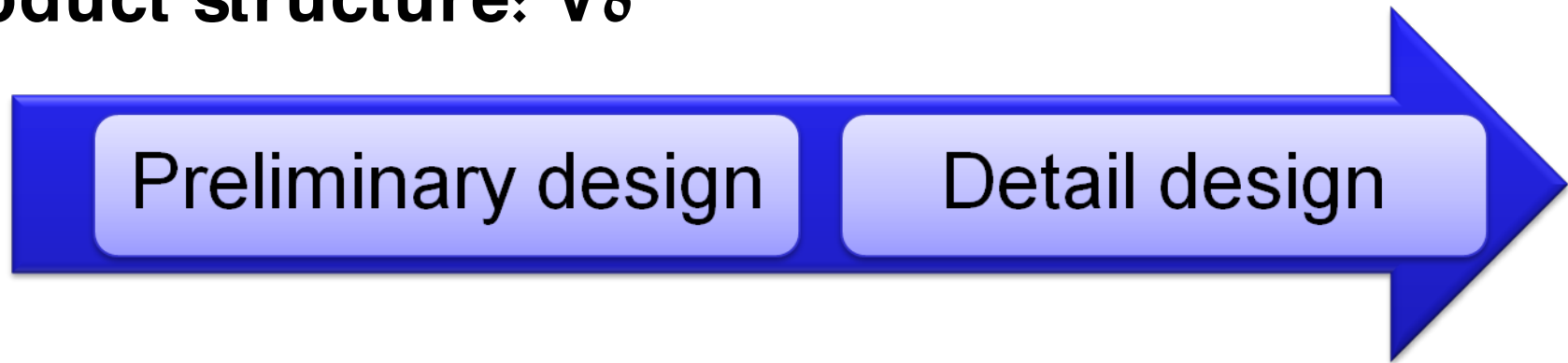
# Product structure: V6

## Product

- Multi-instantiation
- Multi-Representation
- Non representation CAD
- Folders
- Representation sharing



# Product structure: V6



- Top-down engineering methodology
  - Preliminary design: This has product structure at abstract level
    - Product attached with Initial representation :
  - Detailed design : Product structure at detailed.
    - Product definition as the product matures

# Product structure: V6

- Versioning
  - The object which can be versioned in V6 are:
    - Product
    - Representations
      - CAD
      - Non CAD

# References

- [www.caav5.com](http://www.caav5.com)
- [http://www.technia.com/templates/Page\\_\\_\\_\\_\\_2351.aspx](http://www.technia.com/templates/Page_____2351.aspx)
- <http://z-on-plm.blogspot.com/>
- PLM 2.0 India forum 2008
- [www.3ds.com](http://www.3ds.com)

# Contacts

We provide consultancy on V6 implementation , Migration methodologies from V5 to V6,

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**Thank You !!!**

