



# **Tabular data in DDI 1.1**

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# Introduction

- Efforts by:
  - Titto Assini, Bill Block, Ann Green, Jean-Pierre Kent, Jostein Ryssevik,
- Terminology (backgrounds)
- Criteria
- Logical vs. Physical
- What next

# Terminology

- nCube
  - Aggregate/Multi dimensional Table, Matrix
- Variable
  - Data Item
- Dimension
  - Variable

# Criteria for acceptance

- Logical description: nCube
  - Dimensions, variables, items, cells
- Physical storage of 2 dimensional table
  - Location of files, sheets, cells
- Functionality
  - Hinging, searching, inheritance

# Logical vs Physical

- In DDI 1.0 mixed
  - dataDscr\var\location
- In aggregate data often mixed
  - Layout of table (stubs, cells) mixed with storage and logic
- Relation to DDI 1.0
  - Compatability, limit redundancy
- In DDI 1.1 disentangled

# Add to Micro *Logic*

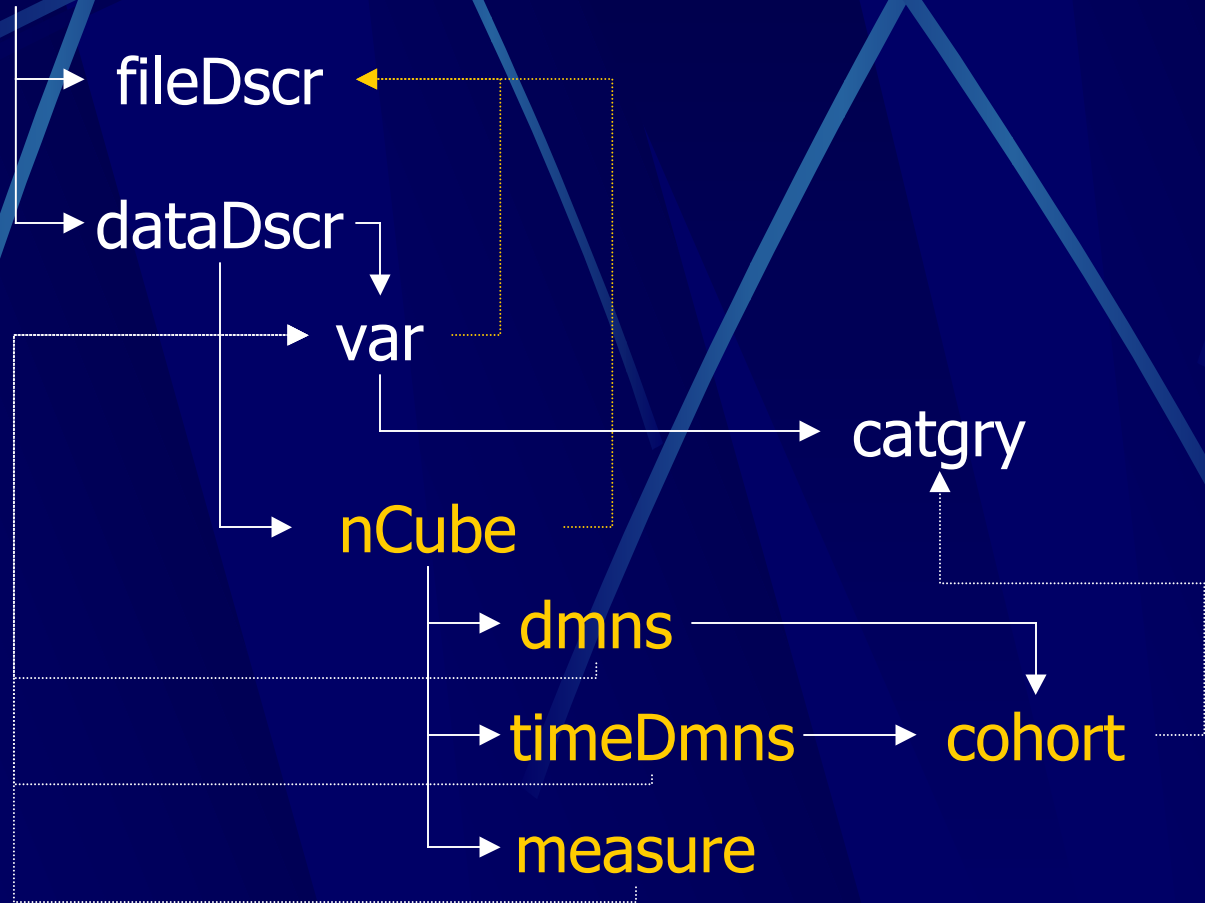
- Logically, an nCube is a different logical representation of multidimensional tables.
- Use current *logic* (variables etc.)
- Add only specific Cube logic
  - Measure
  - Dimension
  - Cohort
  - Coordinate structure

# Enhance *Physical* structure

- Storage moved (copied) to fileDscr
  - Location / locMap
  - $n$  Data per File,  $n$  File per Data
- Add physical structure for 2 dim table:
  - Grid
  - Layer Sheet
  - Cells
  - Co-ordinates

# DDI Cubes Proposal

codeBook





# What next?

- Hope for support by this DDI-group
- Dots on the i s
- Tag library & examples
- Washington D.C., June 29th