

# Conceptual model for assessment

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# Overview

- Background
- Research questions
- Model development
- The conceptual model for assessment
- Conclusions

# Background

- Standardized testing - Assessment
- Specifications for interoperability

# Research questions

- Is it possible to develop a model that:
  1. describes as many as possible forms of assessment
  2. describes the assessment proces as complete as possible
  3. supports re-use and exchange of assessments and assessment procedures (sharing)
  4. can be used by computers to interpret and process assessments (interoperability)
- Is the method to develop a model suitable?

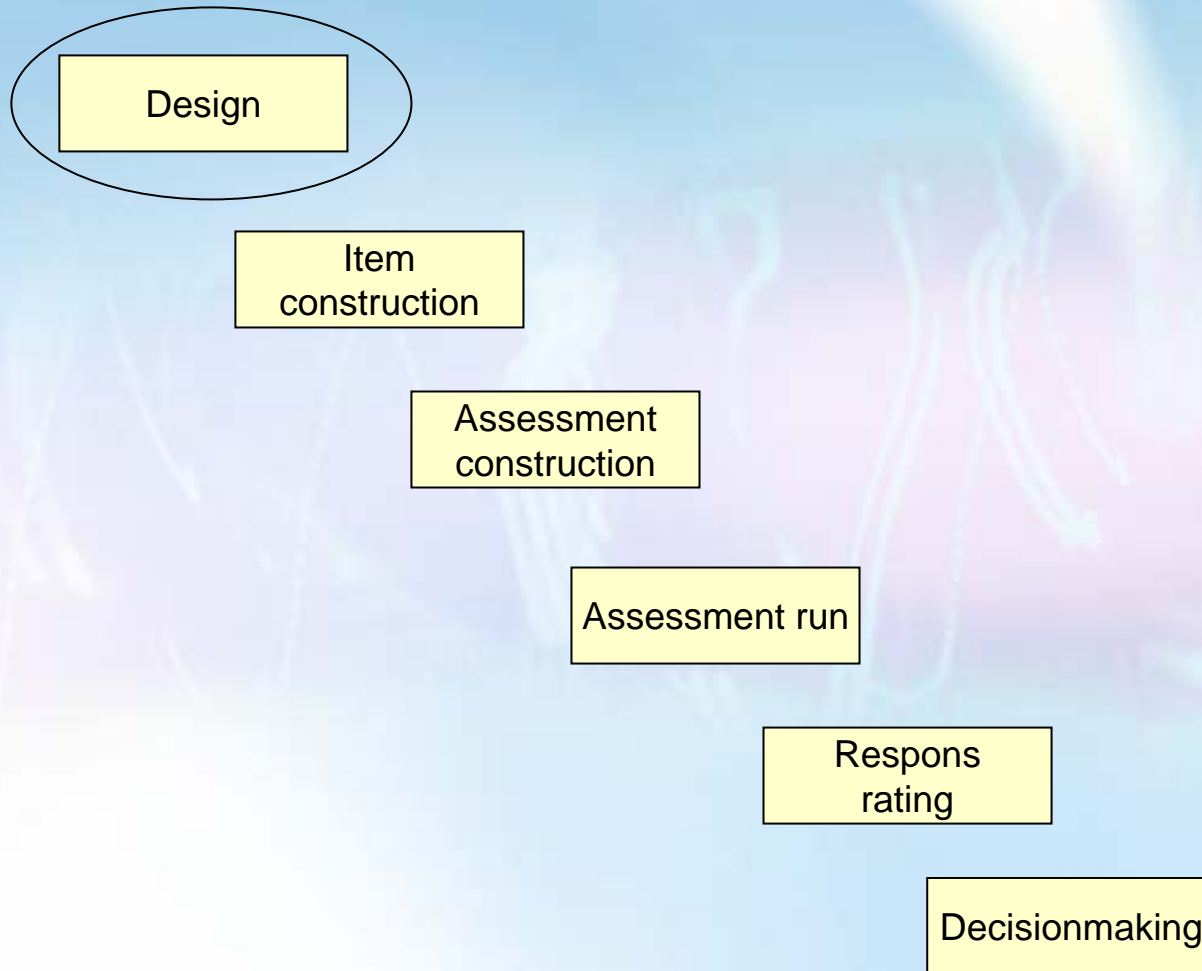
# Definition of assessment

All the systematic methods that can be used to gather information and evidence about student properties, based on a process, a product or the progress of a student, for the purposes of certification, placement or diagnoses in formative and summative contexts.

# Method

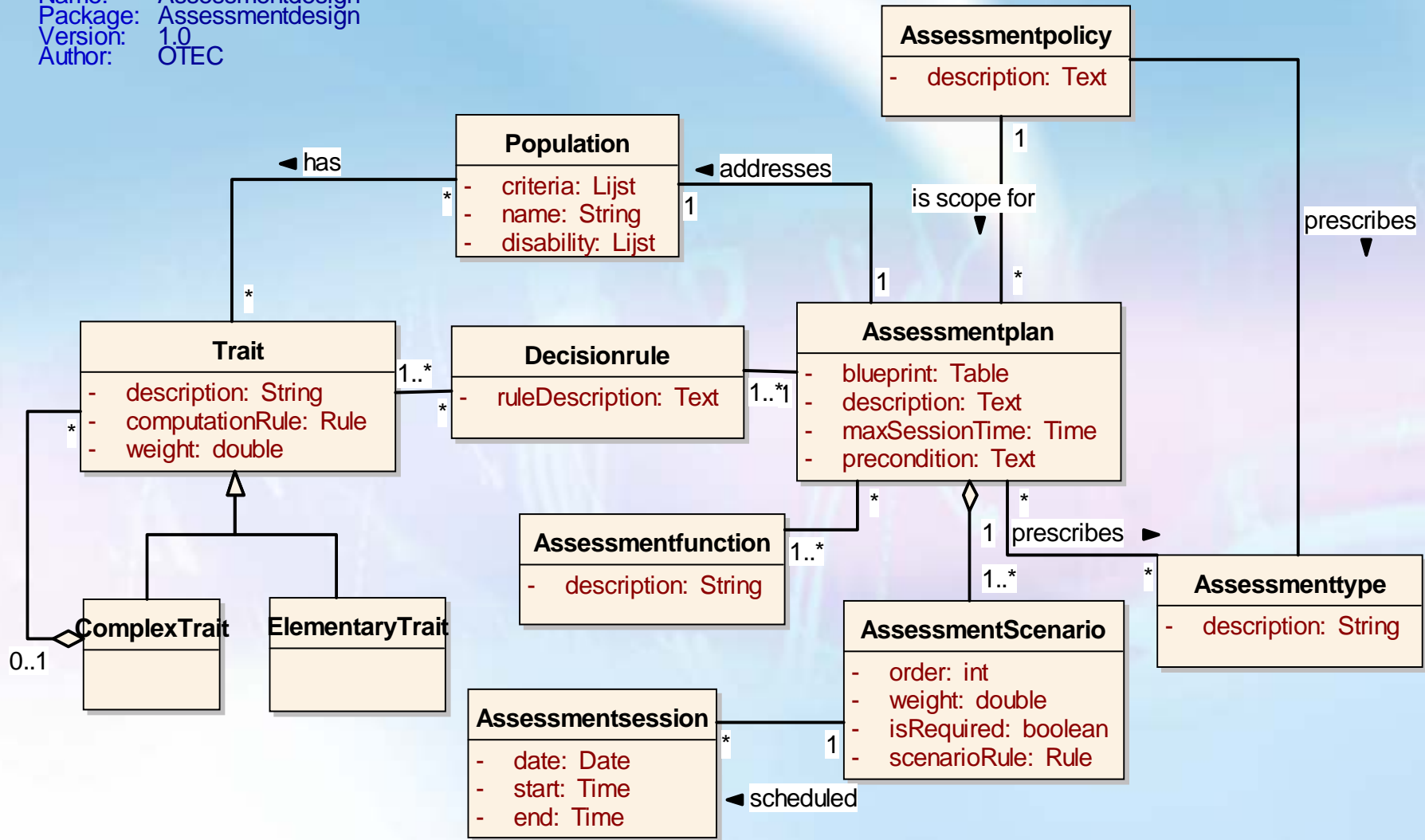
- UML class diagrams: formalisation
- Different expertise:
  - Assessment (Open university of the Netherlands, Fontys university, Citogroup)
  - Modelling
  - UML
- Evaluation
- Validation
  - Literature
  - Cases
  - Experts

# Phases in the process of assessment



# cd Assessmentdesign

Name: Assessmentdesign  
Package: Assessmentdesign  
Version: 1.0  
Author: OTEC





# Conclusions

The model is developed

- + describes as many as possible forms of assessment
- + describes the assessment proces as complete as possible
- ? supports re-use and exchange of assessments and assessment procedures (sharing)
- ? can be used by computers to interpret and process assessments.

The method was useful, but complicated

# At this moment

1. Version 1.0 is developed.
2. Review at the start of 2005 was positive
3. Model published march 2005  
<http://dspace.ou.nl>;  
<http://www.ou.nl/open/itdp-asses/>
4. To do:
  - a. a demonstrator should be build
  - b. tooling

# Thank you for your attention

- For comments, questions, or a copy of the paper, please contact me:  
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