OBJECT MODELLING

BACKEND-WORKSHOP

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LET'S PLAN OUR APPLICATION

We have to think about how we want to model our application; Which different objects exist, what properties they have and how they are related to each other.

WHICH OBJECTS CAN YOU IDENTIFY?

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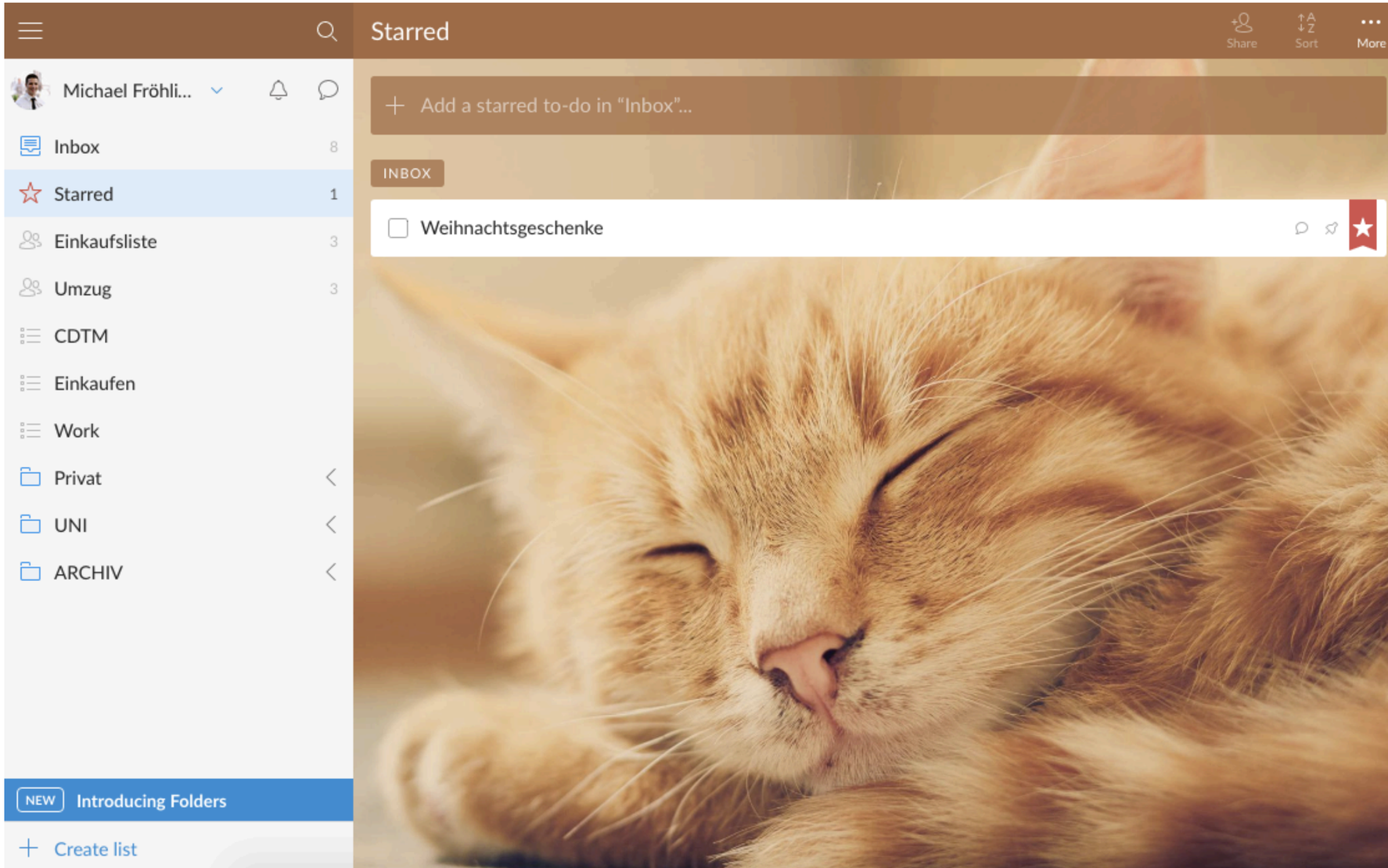
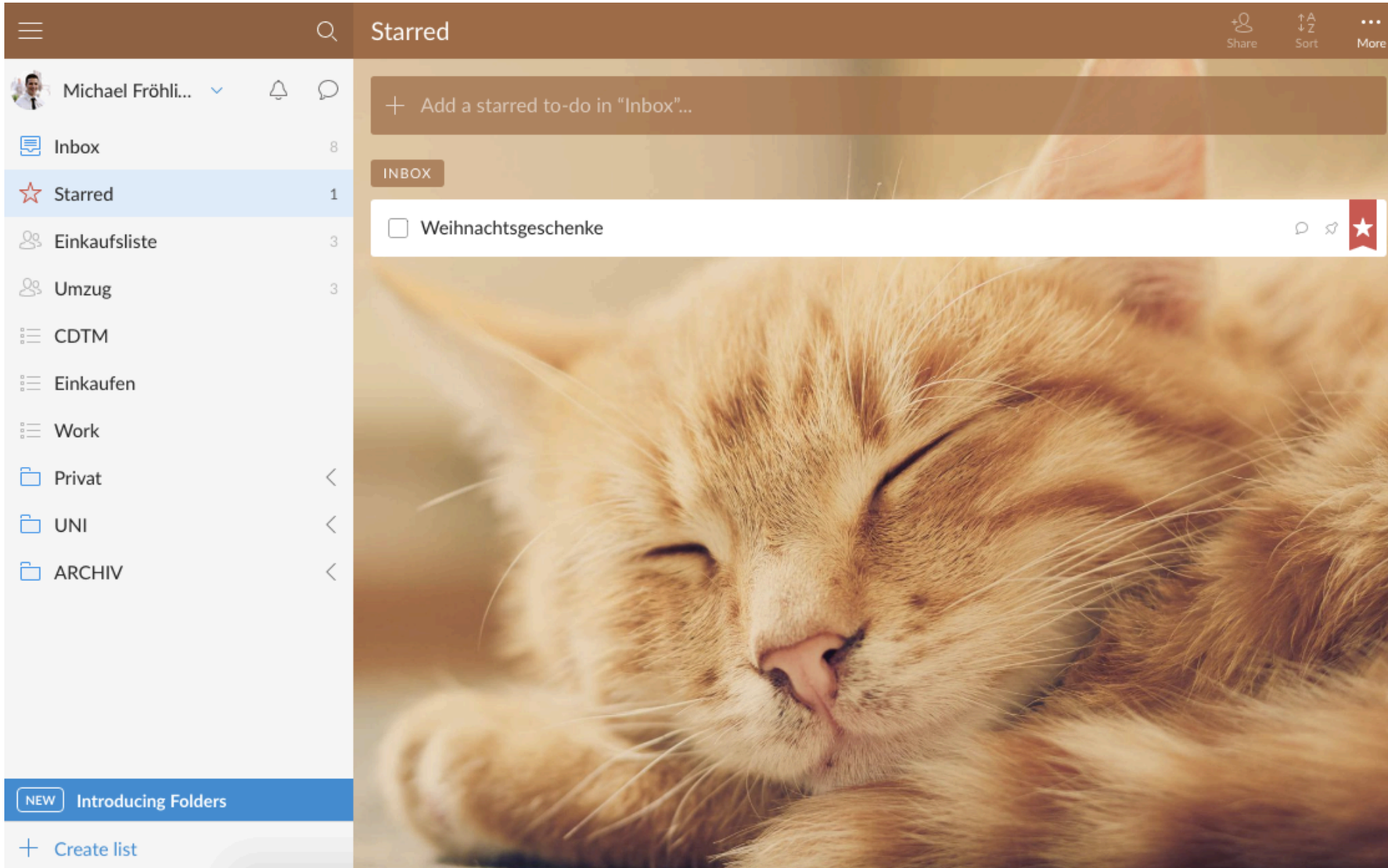


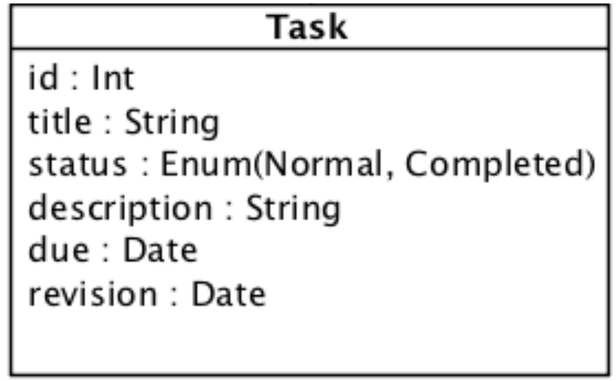
WHICH OBJECTS CAN YOU IDENTIFY?

- Task
- List
- User
- ...



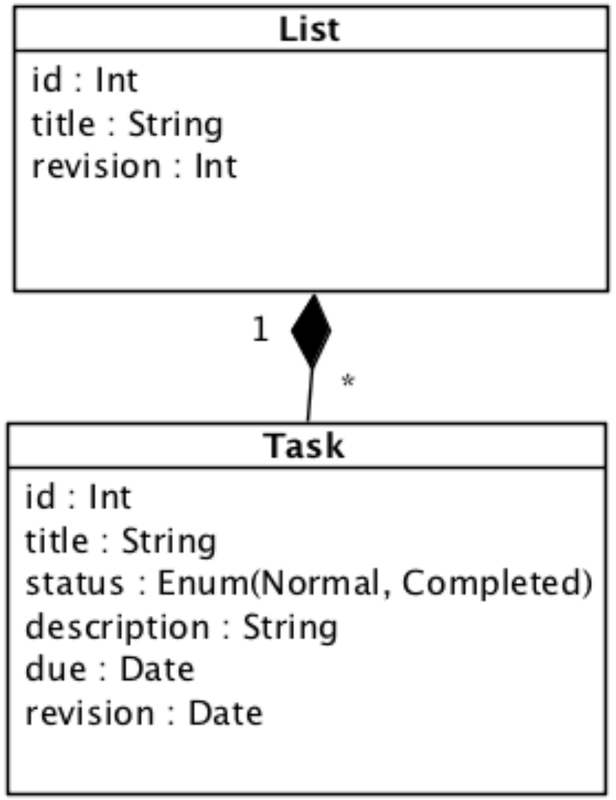
WHAT PROPERTIES DOES A TASK HAVE?

- Task
  - **id:** unique identifier
  - **title:** name of the task
  - **status:** is it completed?
  - **description:** descriptive text
  - **due:** finish until …
  - **revision** how often was the task updated?



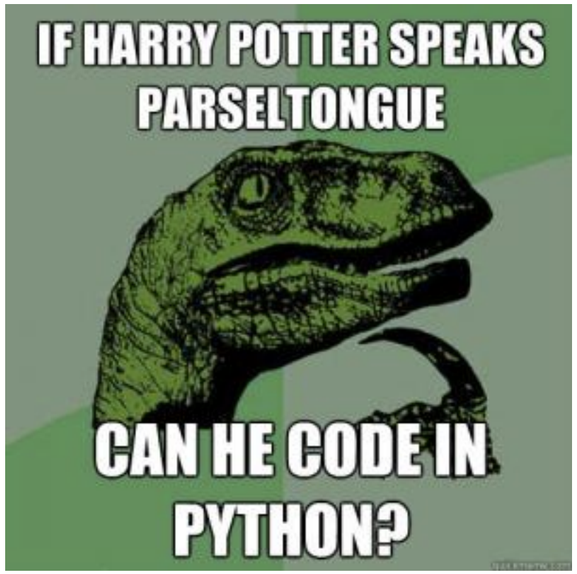
WHAT PROPERTIES DOES A LIST HAVE?

- Task
  - **id:** unique identifier
  - **title:** name of the task
  - **status:** is it completed?
  - **description:** descriptive text
  - **due:** finish until …
  - **revision** how often was the task updated?
- List
  - **id:** unique identifier
  - **title:** name of the list
  - **revision** how often was the list updated



CODING CHALLENGE

- Implement the two Python Classes
  - Task.py
  - List.py



Python Classes: https://www.tutorialspoint.com/python/python_classes_objects.htm