Use Case: Managing data and metadata objects

Goal:
Binding distinct data and metadata objects together.

Actors:
Data provider (human or system), binding tool (system)
Data consumer (human or system)

Summary:
If there are distinct data and metadata objects and these are deposited together in a repository, both of them may receive an individual PID. PID types may help by distinguishing data from metadata objects and connect them with each other.

Preconditions:
There is a distinct data and a distinct metadata object and each of them bears an individual PID.

Main Flow (connect):
1. The data provider submits a data PID and a metadata PID to the binding tool in 'bind' mode.
2. The binding tool connects the two objects and returns with a success message.

Main Flow (navigate):
1. The data consumer submits a PID to the binding tool in 'query' mode.
2. The query tool analyzes the PID record.
   1. If the PID points to a data object, the binding tool returns the PID of the data object to the user and a note that this is a data object.
   2. If the PID points to a metadata object, the binding tool returns the PID of the metadata object to the user and a note that this is a metadata object.