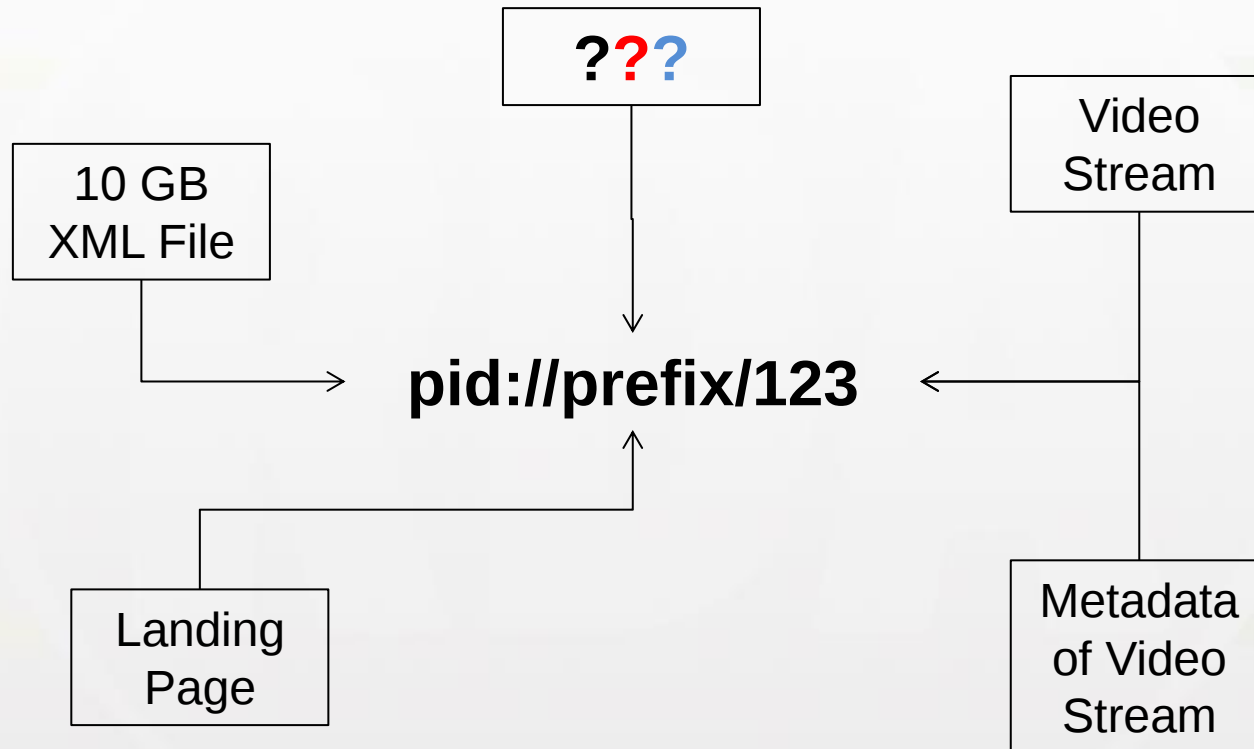
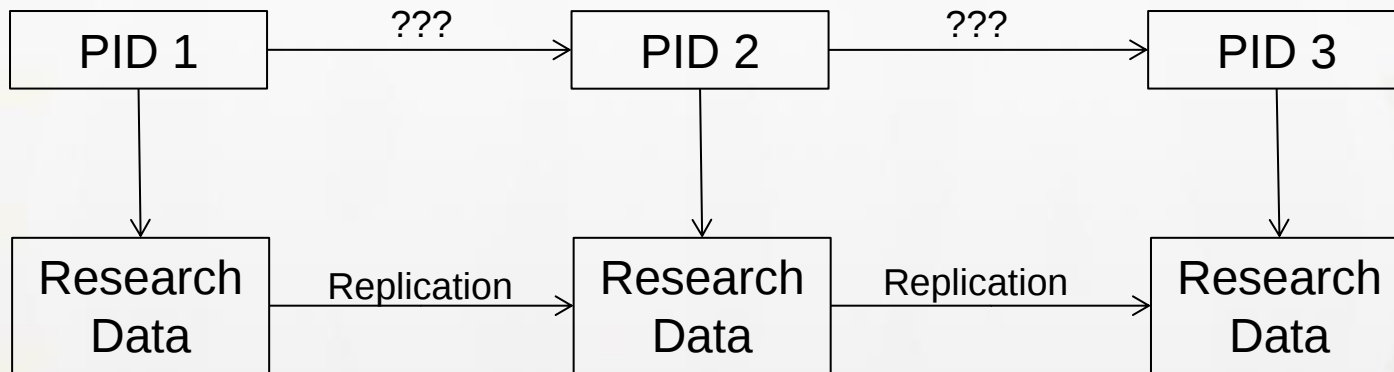




PID Information Types - An RDA Working Group

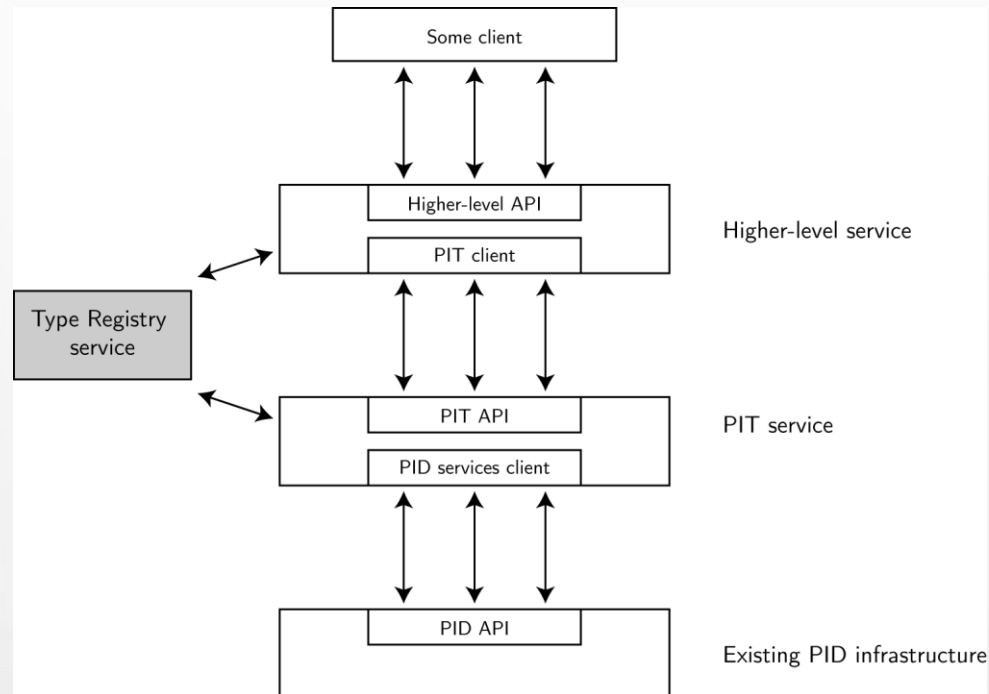




*“... This Working Group focuses on cross-community concerns regarding Persistent Identifiers which are the core of proper data management and access. The goal of the WG is to provide an **API specification** and **prototypic service implementation** for managing **typed extra information associated with PIDs**, embedded in an appropriate service architecture. ...”*

<https://rd-alliance.org/groups/working-groups>

- Defined and registered a number of core PID information types (such as checksum)
- Developed a model to structure these information types
- Provided an API, including a prototypical server implementation that offers services to request certain types associated with PID records by making use of registered types.



Properties

- mc:Name
- mc:Title
- mc:Editor
- ...

Type Publication

- mc:Name
- mc:Title
- mc:Editor

Object PID xy

- mc:Name
- mc:Title
- mc:Affiliation
- ...

Object PID XY confirms to type „Publication“

Name	Range	Identifier	Flags
Type: Citation Information (EXAMPLE namespace) 11314.2/d5396a97c316a0eaca055846ba4233ac			
Title	STRING	11314.2/07841c3f84cbe0d4ff8687d0028c2622	
Creator	STRING	11314.2/31810b2c24913929bb5e0d4d949de9f7	
Publication date	DATE	11314.2/daed5901fbbe2570ee95c4009c739de2	
Language	STRING	11314.2/56211d62153b3500ce3b16cf86d6b403	optional
License	STRING	11314.2/2f305c8320611911a9926bb58dfad8c9	optional
Type: System level access information (EXAMPLE namespace) 11314.2/09d35f22e48b60284029ba51c17e2944			
Creation date	DATE	11314.2/6b3e1230d1b68965e290b16a43d2f46d	
Deletion date	DATE	11314.2/7e78be9736ad7f6bb5fb31218821eba5	optional
Permissions	STRING	11314.2/d057258f7b406fd9aad5a3893aba8208	optional
Checksum	STRING	11314.2/56bb4d16b75ae50015b3ed634bbb519f	
Object size (in bytes)	STRING	11314.2/0006e2b8e2f6e1ecce836e593bed38ae	
Type: Aggregation information (EXAMPLE namespace) 11314.2/699d487eff50c2e10982f4b85ed053a9			
Parent object identifier	IDENTIFIER	11314.2/f9e66e5f64ba3179d8f1e64138c69e04	optional
Child object identifier	IDENTIFIER	11314.2/f8db9e3b5f97aa8168fbd59788476375	optional
Type: Versioning information (EXAMPLE namespace) 11314.2/6b507d787dd06e4eb8f23b5bb56ae8bb			
Predecessor identifier	IDENTIFIER	11314.2/467d9ba30e2d9879fd9d483f319e462c	optional
Successor identifier	IDENTIFIER	11314.2/fc78024cb9dac0b0a80ed631ea650d4b	optional
Type: Preliminary example for EUDAT core information (EUDAT namespace) 11314.2/5f45666fc8689e3565728ca512c1b5e7			
Checksum	STRING	see above	
Format	STRING	11314.2/1a4f53a28b72d4bf4f8dda7a2089595	
Data identifier	IDENTIFIER	11314.2/24dd85c4a3d39fb0d7e83a510a5041c6	
Metadata identifier	IDENTIFIER	11314.2/58a44100d2bcd1a34fb87eb87bc6f701	
Repository of Record	IDENTIFIER	11314.2/5546b0166091d9ae869f081f5548f3fc	
Mutability flag	BOOLEAN	11314.2/7c81e954eaead6a2f772abd83986d3e9	
Landing page address	URL	11314.2/66af2639d388977e81b85f6413df1e2c	
Date of deposition	DATE	11314.2/35837218f18dcc54a2d32e0fb30fa7fb	

Enter PID: is a ☐ Object ☒ **Property** ☐ Type Peek Resolve ☒ Show names

Type: Validate

URL: <http://smw-rda.esc.rzg.mpg.de/rdapit-0.1/pitapi/property/11314.2%2F07841c3f84cbe0d4ff8687d0028c2622>

```
{
  "identifier": "11314.2/07841c3f84cbe0d4ff8687d0028c2622",
  "name": "Title",
  "range": "STRING",
  "namespace": "EXAMPLE",
  "description": "A type used in a PID record to hold a brief human-readable label for the resource identified."
}
```

Property	Value
identifier	11314.2/07841c3f84cbe0d4ff8687d0028c2622
name	Title
range	STRING
namespace	EXAMPLE
description	A type used in a PID record to hold a brief human-readable label for the resource identified.

Enter PID:	11314.2/d5396a97c316a0eaca055846ba4233ac	is a	☐ Object ☐ Property ☒ Type	Peek Resolve ☒ Show names
Type:				Validate

URL: <http://smw-rda.esc.rzg.mpg.de/rdapit-0.1/pitapi/property/11314.2/56211d62153b3500ce3b16cf86d6b403>

```
{
  "identifier": "11314.2/56211d62153b3500ce3b16cf86d6b403",
  "name": "Language",
  "range": "STRING",
  "namespace": "EXAMPLE",
  "description": "The language of a"
}
```

Property	Value
identifier	11314.2/d5396a97c316a0eaca055846ba4233ac
explanationOfUse	Type for a complex record that holds essential citation information.
description	Citation information
mandatoryProperties	Creator, Publication, date, Title
optionalProperties	License, Language

- RDA Working group on PID Information Types:
 - <https://rd-alliance.org/groups/pid-information-types-wg.html>
- Two-Pager about the WG:
 - <https://rd-alliance.org/group/pid-information-types-wg/outcomes/pid-information-types-pit-output.html>
- PIT Api GUI (online demonstrator):
 - <http://smw-rda.esc.rzg.mpg.de/PitApiGui/>