

Recommendation 3.0

# Recommendation to use PIDInst as the standard reference in technical infrastructures to measuring devices or instruments where appropriate

## Description

Status:

## Motivation for this Recommendation:

[shortened from below]

## Recommendation

PIDInst is used to identify instruments in data infrastructures. For organizations this means:

- Employ measures and incentives to register instruments with PIDInst at acquisition.
- make a person responsible to maintain the PIDInst for each instrument (e.g. Lab technicians).

For technicians:

- register a PIDInst for instruments which weren't registered yet.
- keep the PIDInst related metadata of your instruments current.
- Keep a written record of the PIDInst on every instrument, where possible
- share the PIDInst with the customer with any measurement data you deliver.

For researchers it means:

- Record an PIDInst with any measurement. You should find it on the instrument.

For data infrastructures:

- record a PIDInst with instruments registered in data infrastructures.
- treat PIDInst metadata as the primary source of truth and update your own metadata accordingly.
- inform the responsible person if you think the PIDInst metadata is not accurate.

[shortened from below]

[Format: Wer! macht was! wo! wann! unter welchen Voraussetzungen!]

## Binding Convention:

	mandatory	conditional	optional
Helmholtz FAIR Principle			

## Precondition for Implementation:

## Related Recommendations

Parent:

Dependent:

Other: none

## Contributors

Names of contributors to this recommendation

## Content

### 1. Explanation of the Background and Benefits of the Recommendation

About

History and structure

Current Use of ...

Motivation

### 2. Possible alternative solutions

### 3. Consideration of the advantages and disadvantages of implementing the recommendation

(quality of content, limitations, interoperability, sustainability: expected future dissemination / technical availability / funding)

### 4. The Recommendation

[Format: Wer! macht was! wo! wann! unter welchen Voraussetzungen!]

## 5. Naming of communities that have already implemented the recommendation

## 6. Documentation of the test to validate correct implementation

## 7. Examples of Instances

## 8. Further Information

### References

### Relevant Community Recommendations

## 9. History of this document

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