

Naming, Identity, and Provenance

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```
#include <stdApology.h>
```

Identity

Central

Important

Difficult

Teach

Describe

Reference

Morning Star

Evening Star

Venus

Discovery

Languages



`.equals()`

Name

Structural

Time

Versions

Ship of Theseus

What-ifs

Possible worlds

Kripke

Designators

Data

Identity

Reproducibility

Software

Systems

Version Control

Same bits

Where to stop?

Proenance

Identity = What + How

Copies

Clones

Why Worry?

Coherence

Science

Reliability

Hard problems

General Case

Special Case

Broader Impact

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