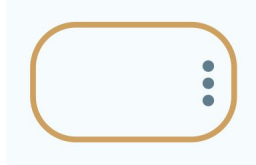# Viéte

Category Theory No-code Modeling Platform

Environment

- program logic
- task description
- business model description
- explanation: task solution, rationale for task statement
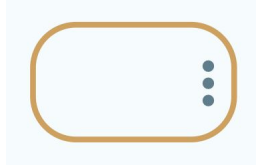
Visual language elements
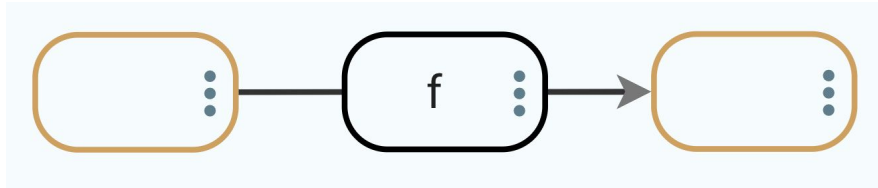
- object

- morphism
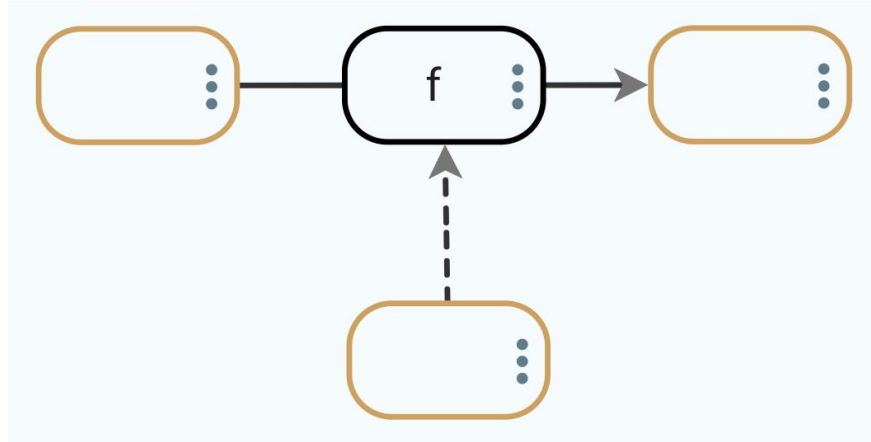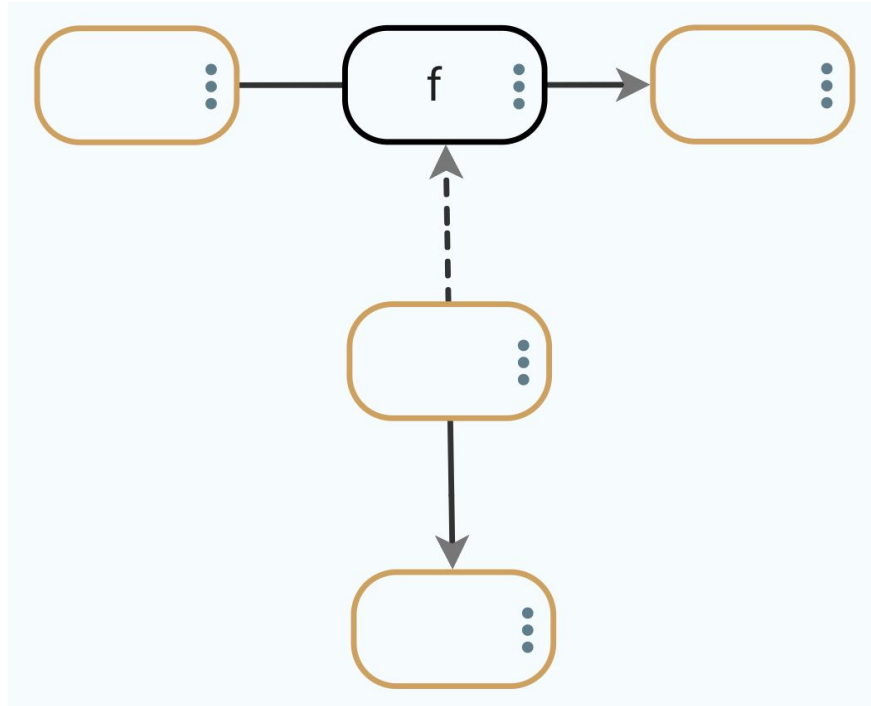
Visual language elements

- object

- morphism

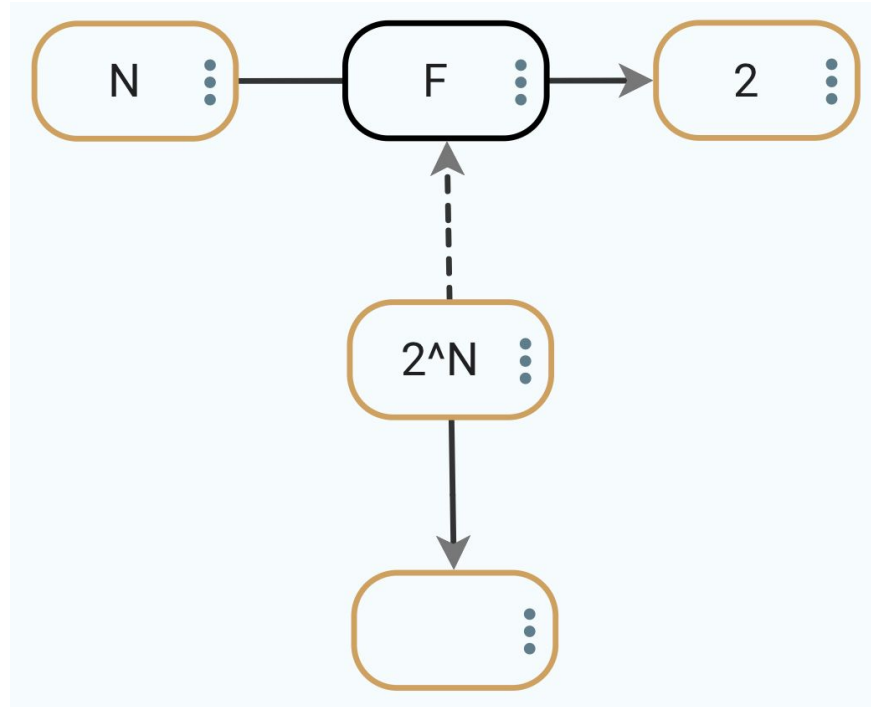# Visual language elements

- link

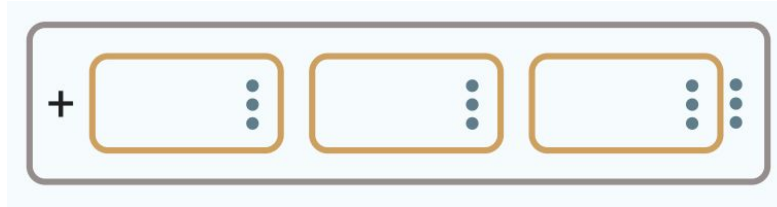# Visual language elements

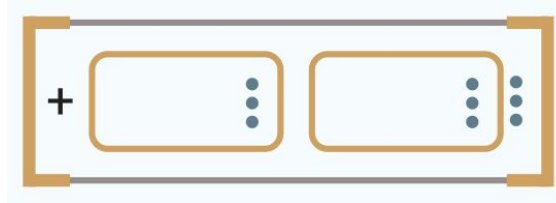- link

Visual language elements
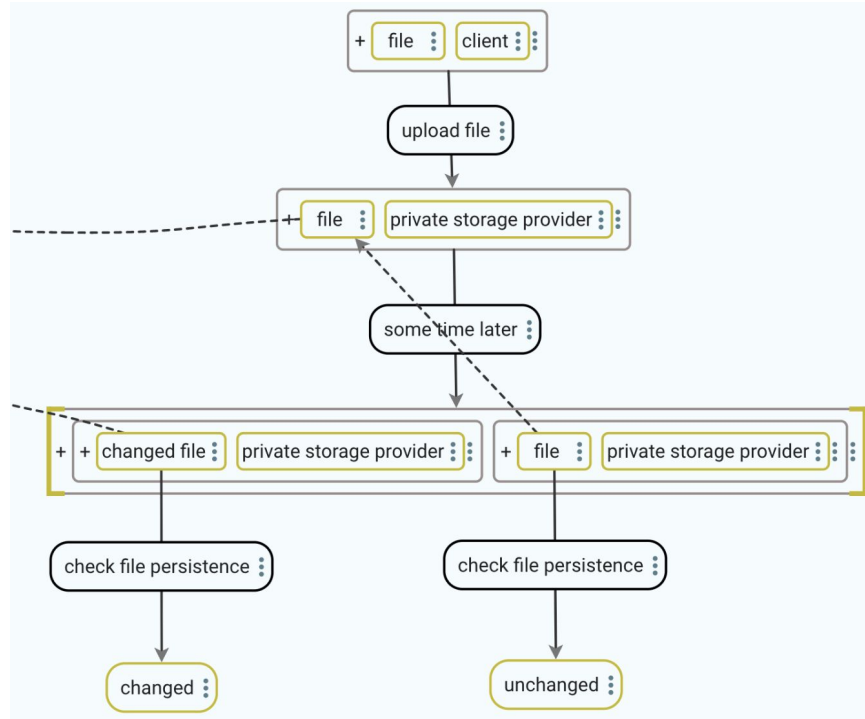
- link

Visual language elements
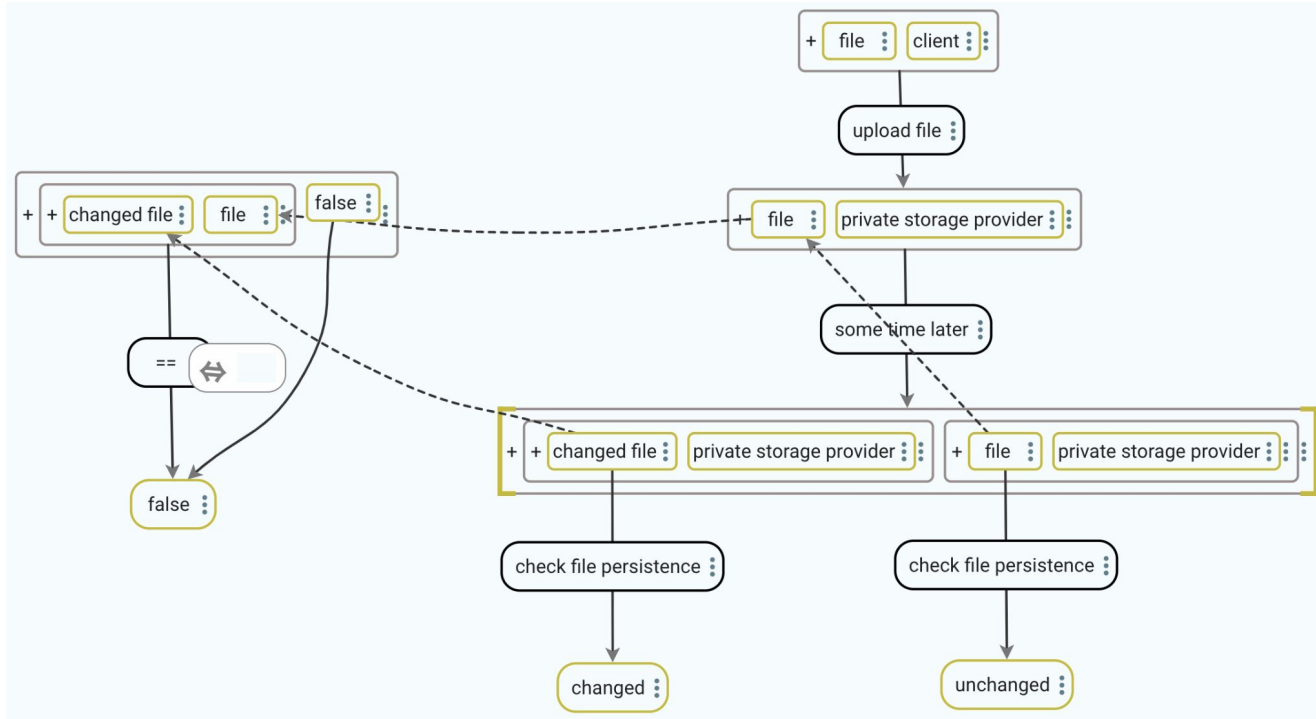
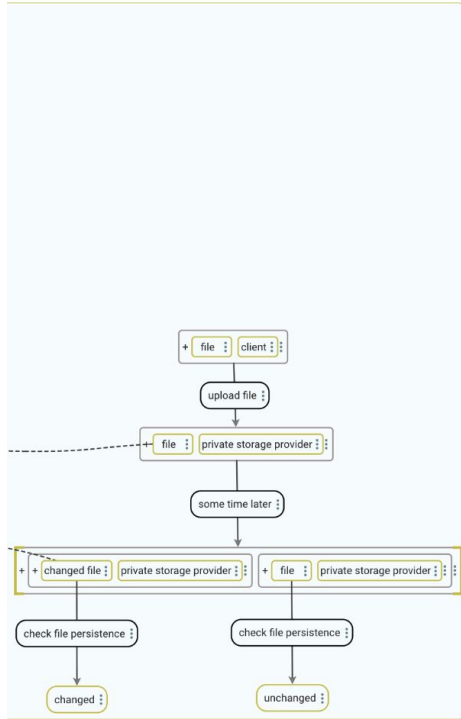- product

- co-product

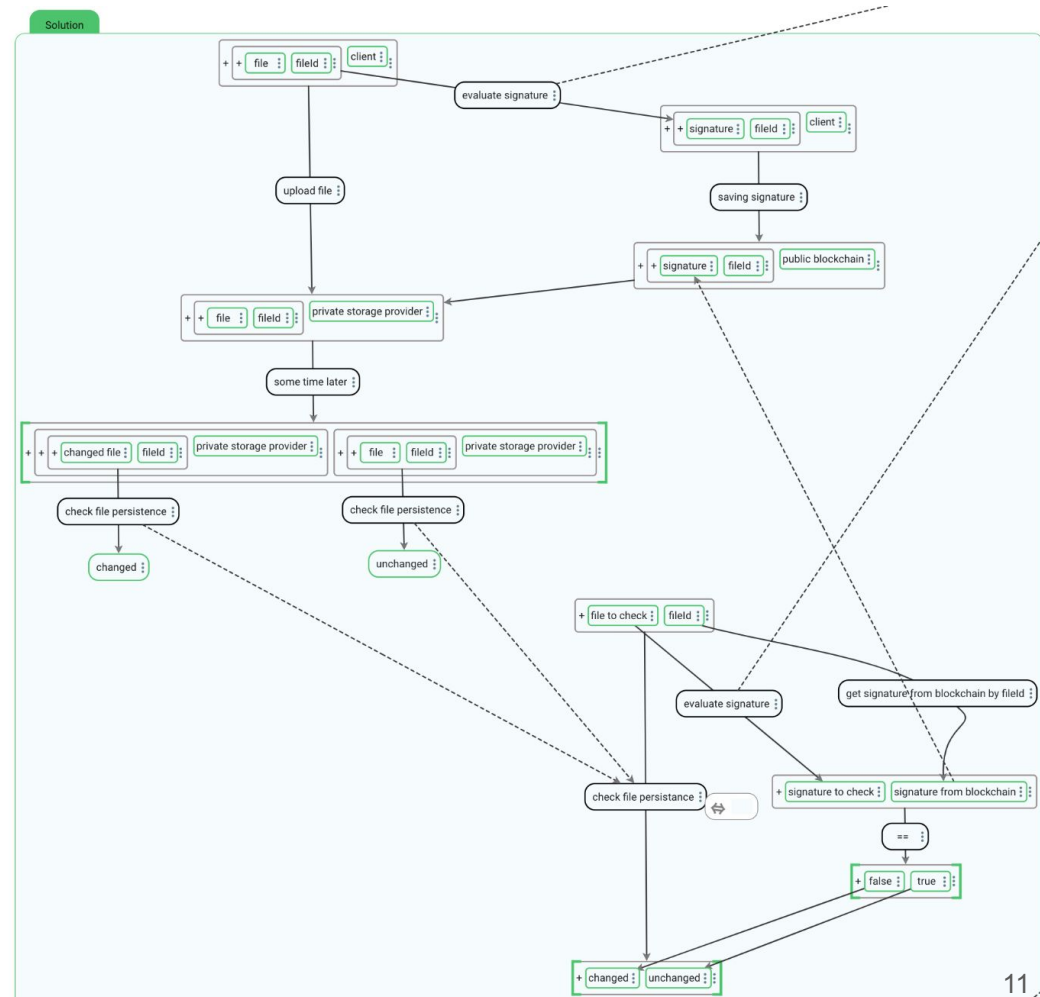# Problem statement for private storage case

Was the file changed?

Problem statement for private storage case
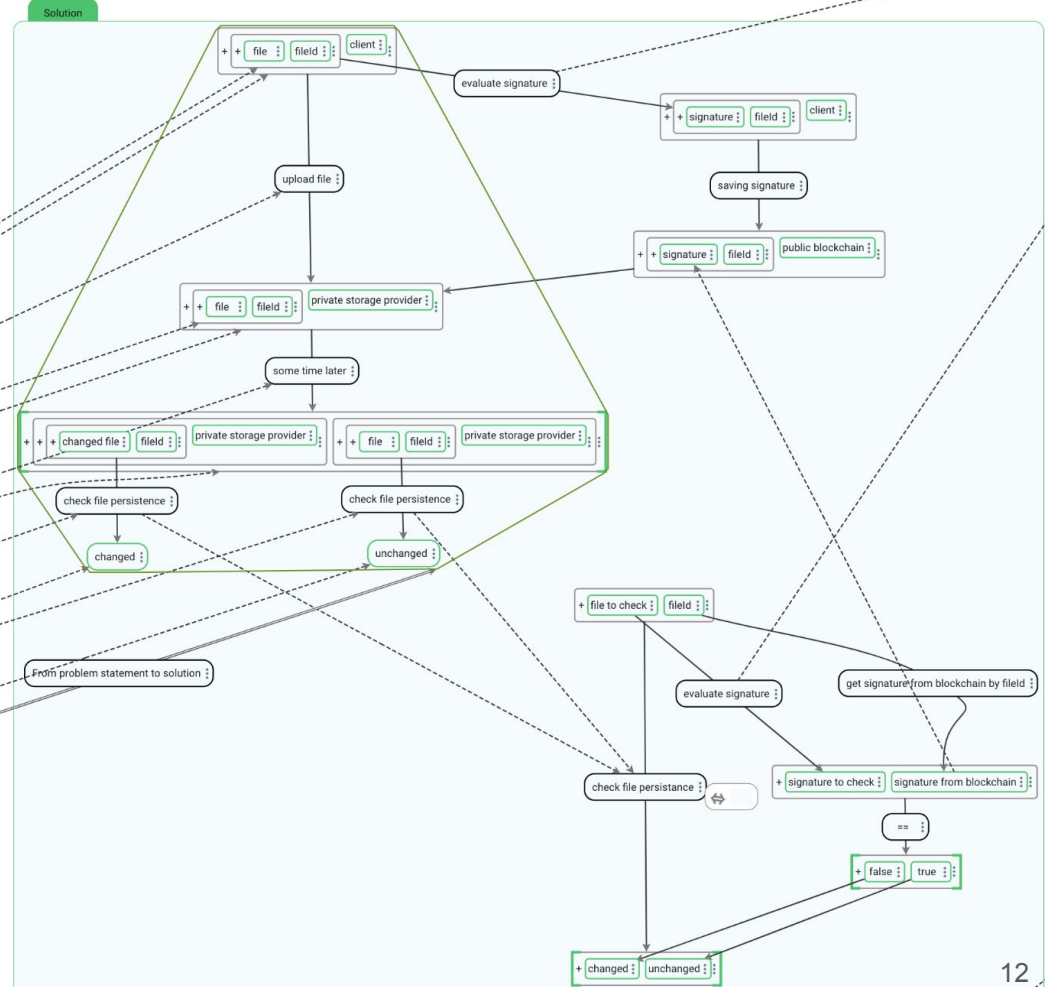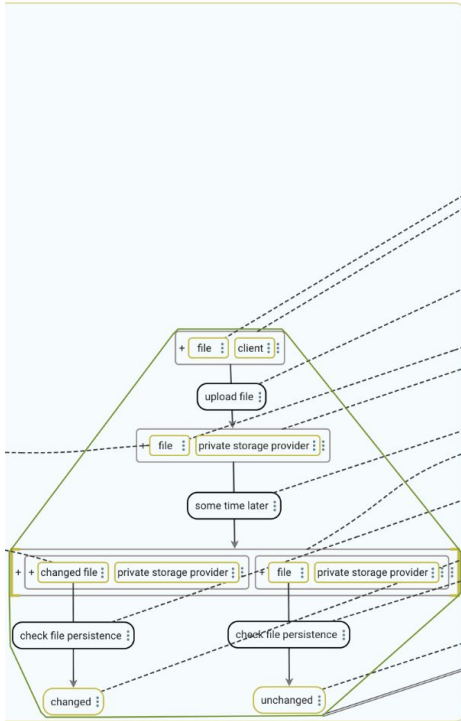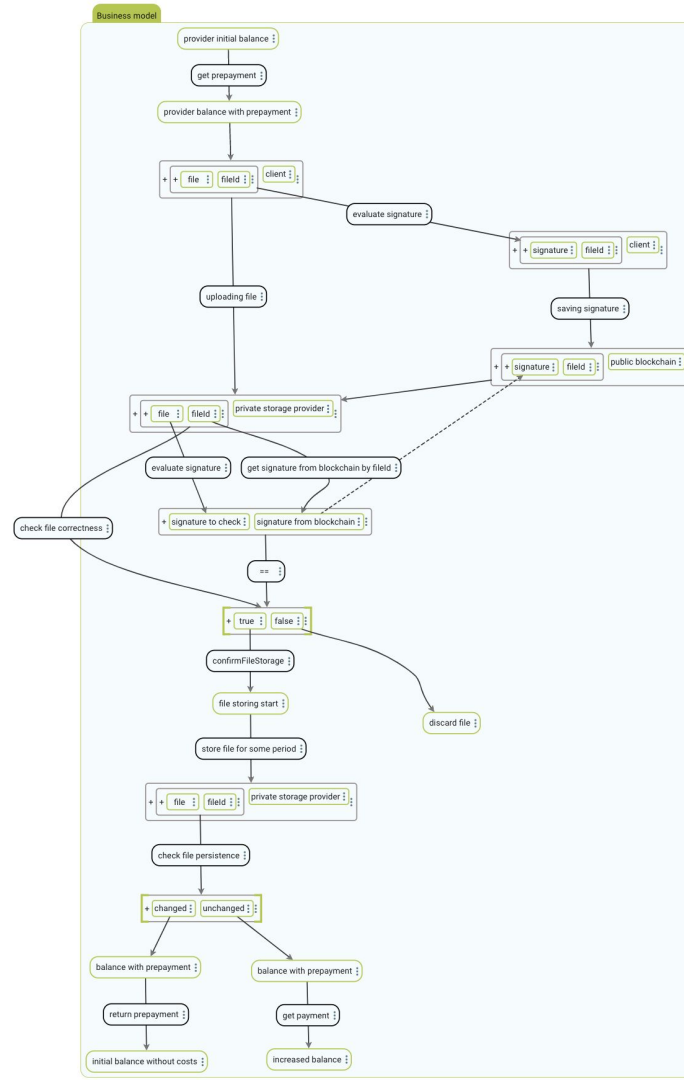
Solution

Signature in blockchain

Solution

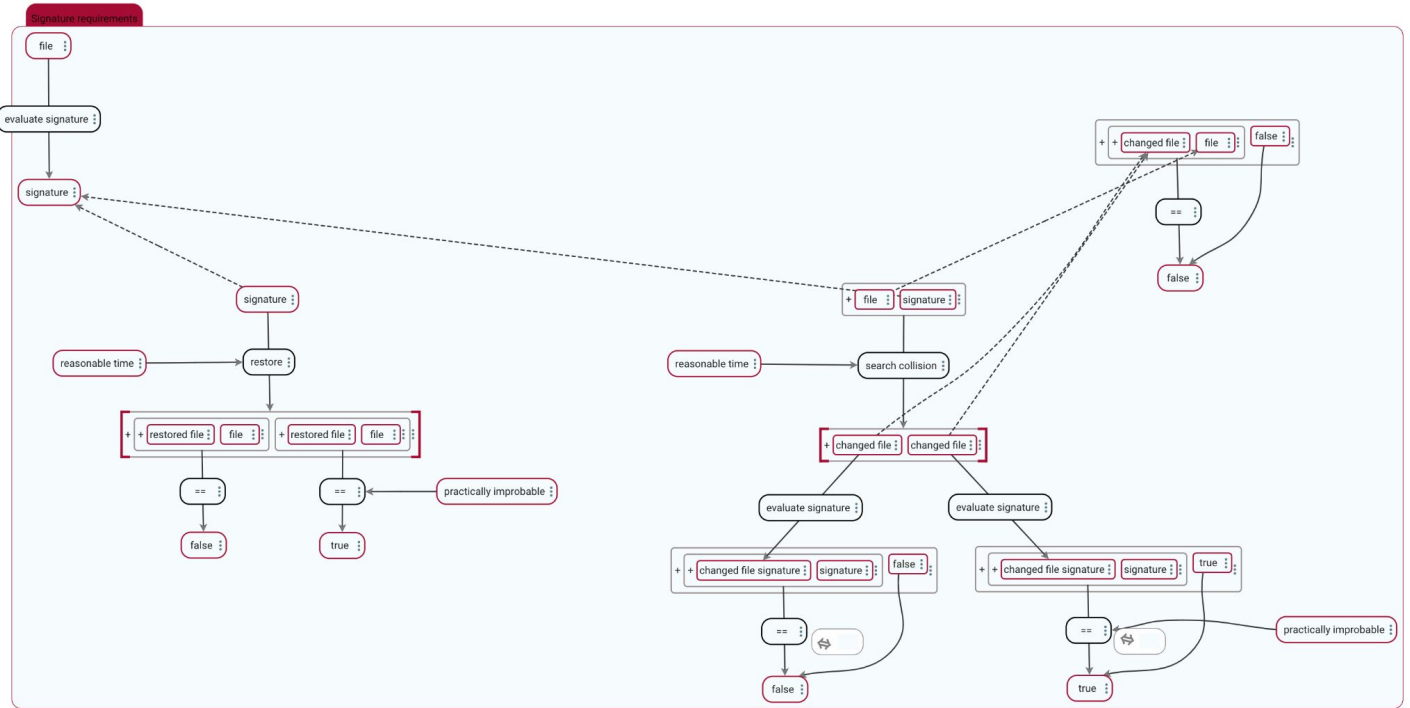Signature in blockchain
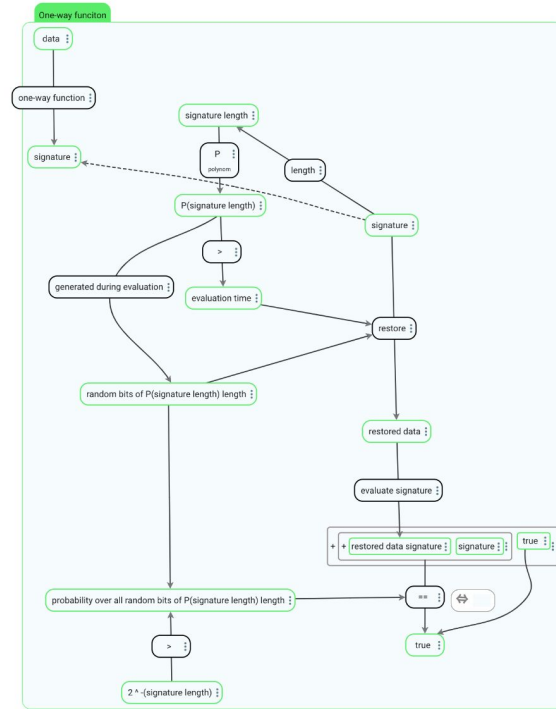
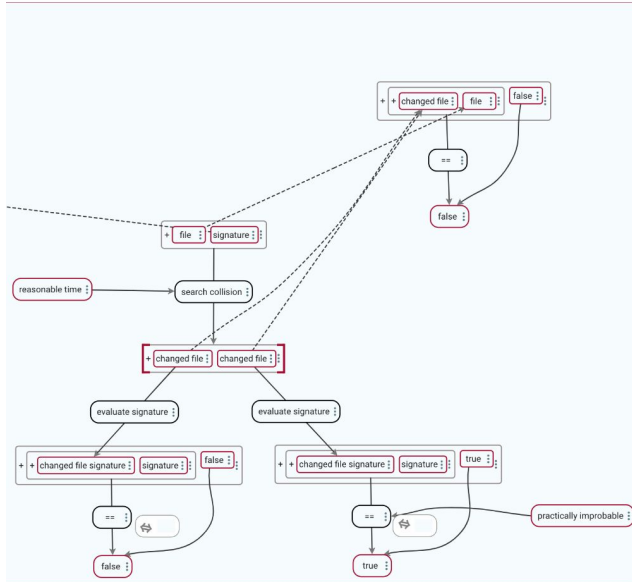# Business model

Payment details, etc.
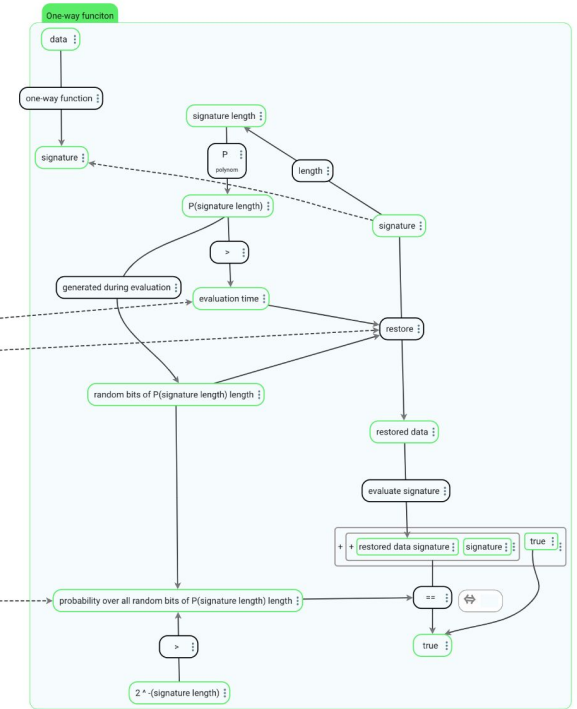
Cryptographic hash function
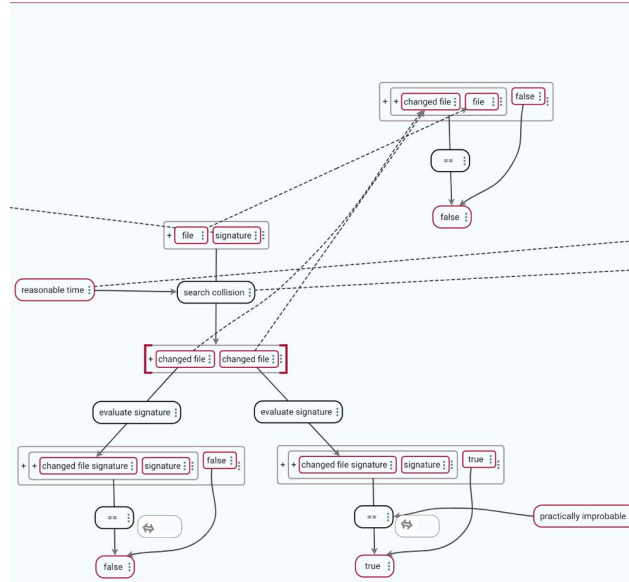
Keeping privacy
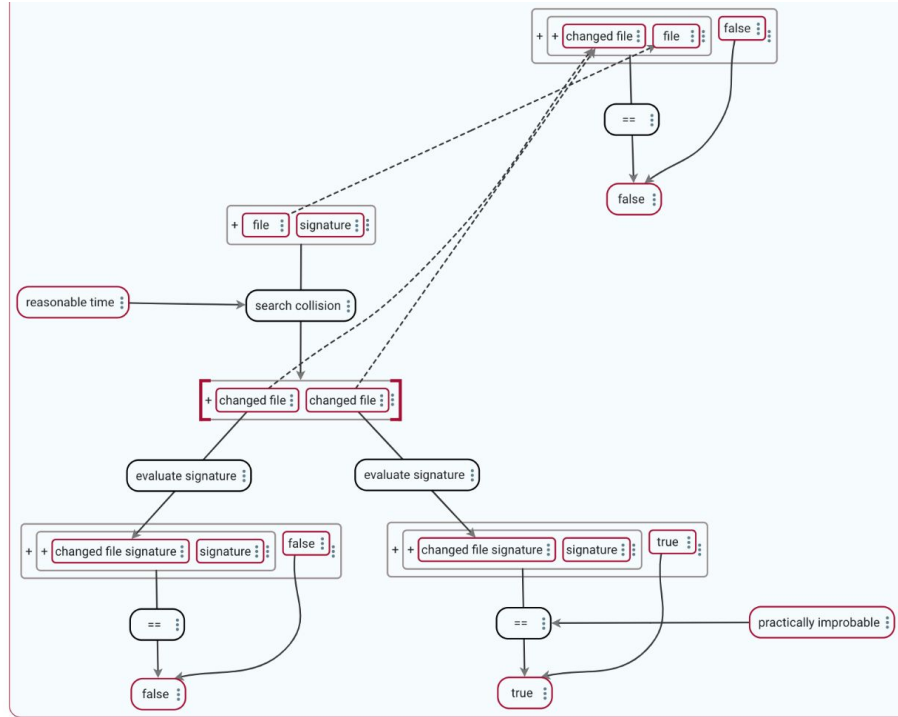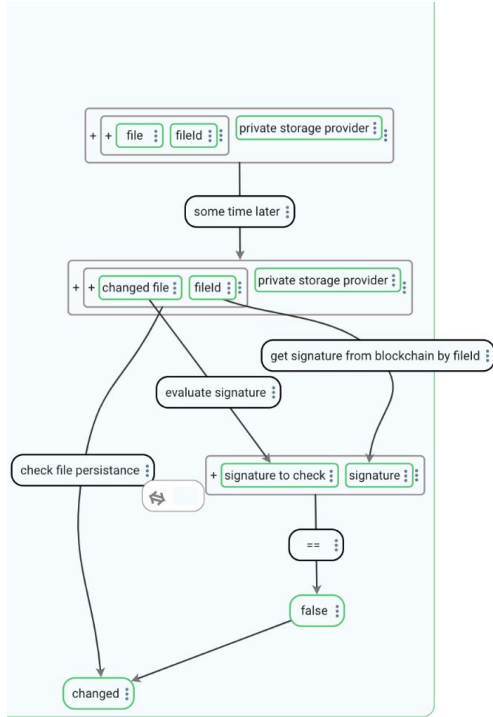
Collision search

One-way function

One-way function
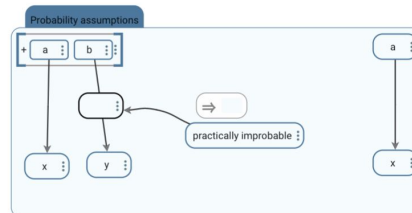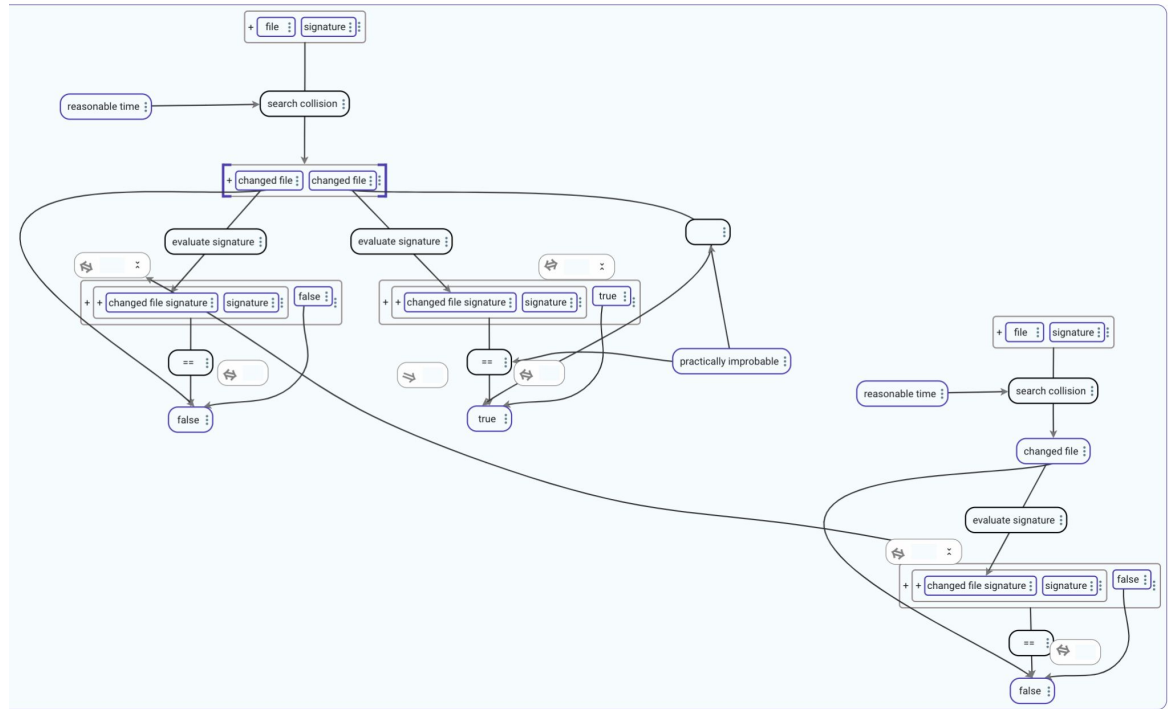
Strong definition of properties

Compositionality

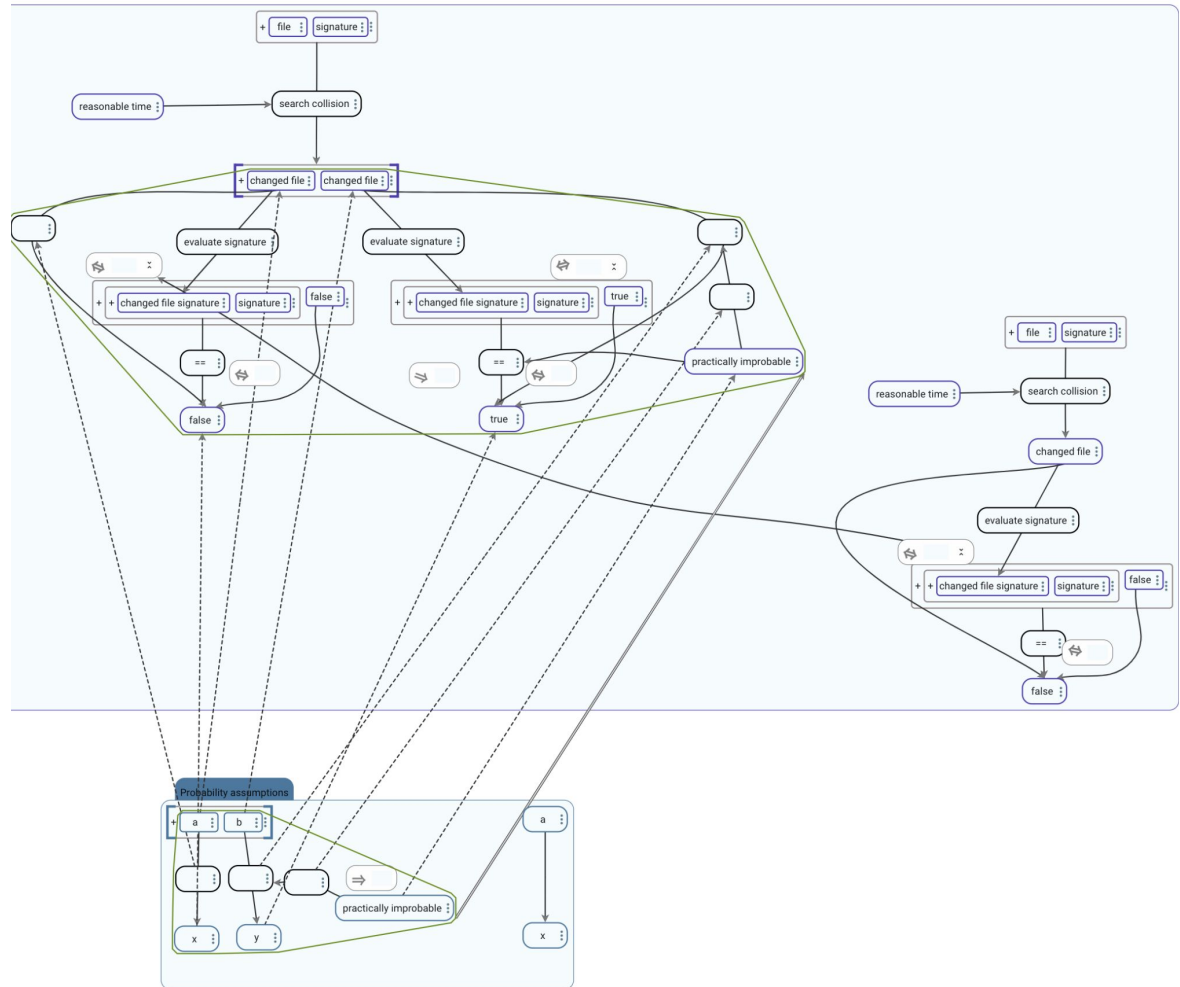# Solution correctness proof

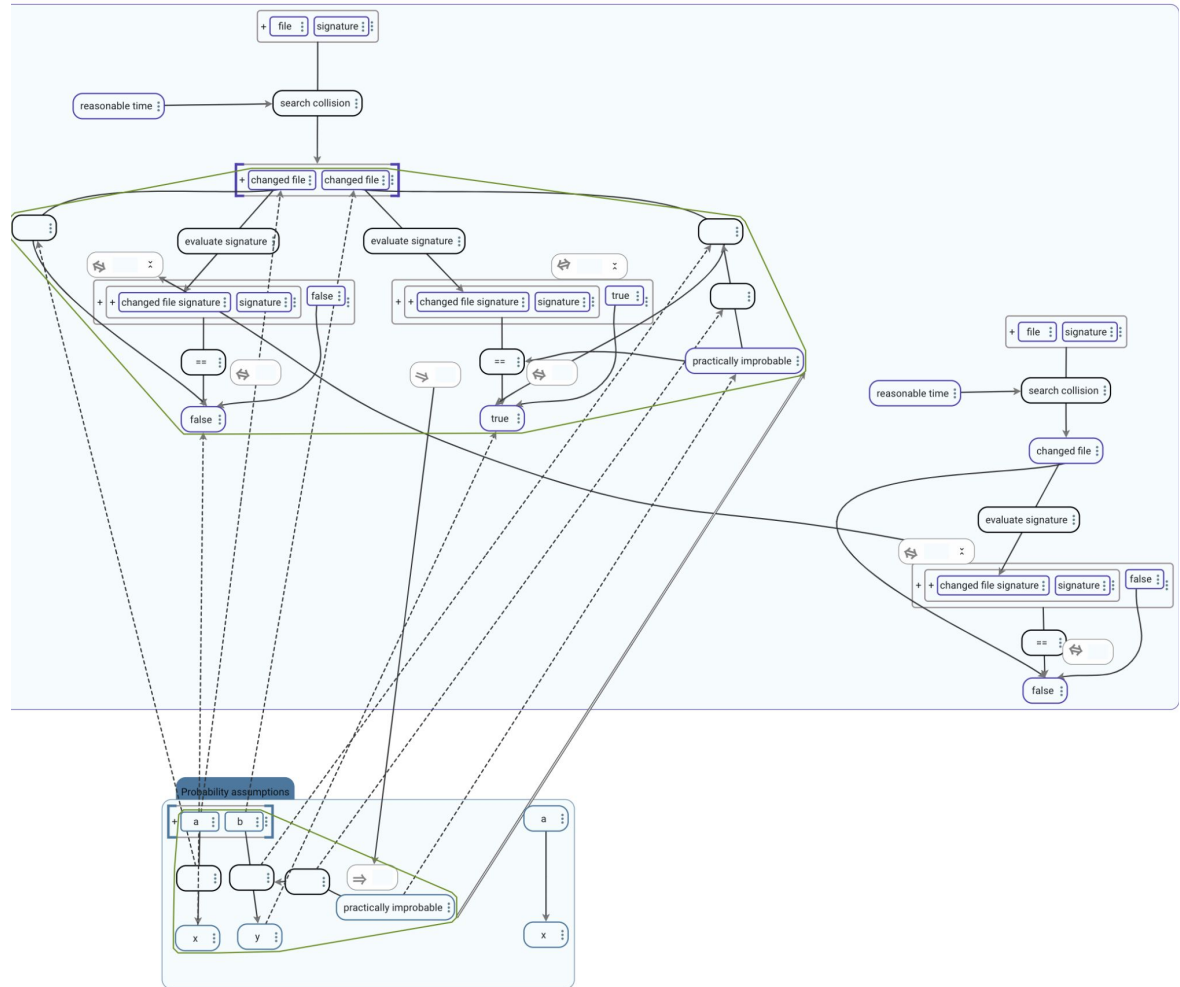Should eliminate "improbable" branch

Reduction rules

Branch elimination

Reduction rules

Branch elimination

Reduction rules

Branch elimination

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Stanislav Kapulkin