DClaims

Distributed and Verifiable Claims

HELLO!

I am João

MSc in Computer Science at Instituto Superior Técnico

DClaims is my thesis

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1.

Verifiable Claims

Statement that **someone** makes about **something**

Qualification	Entitity	Entitity
Achievement	Person	Person
	Institution	Institution

Eg. Digital School Diploma

Statement that **someone** makes about **something**

Qualification	Entitity	Entitity
Achievement	Person	Person
	Institution	Institution

- Verifiable
- Revocable
- Portable

DClaims

Distributed and Verifiable Claims

Enables you to make claims	DClaims

Enables you to make claims

DClaims

Distributed file system

Permanent links

World computer

Global timestamping

Applications

Enables you to make claims

DClaims

Distributed file system

Permanent links

World computer

Global timestamping

DClaims - News

Distributed and Verifiable News Claims

Browser Extension

Create / get DClaims about news

DClaims - News

Enables you to make claims

DClaims

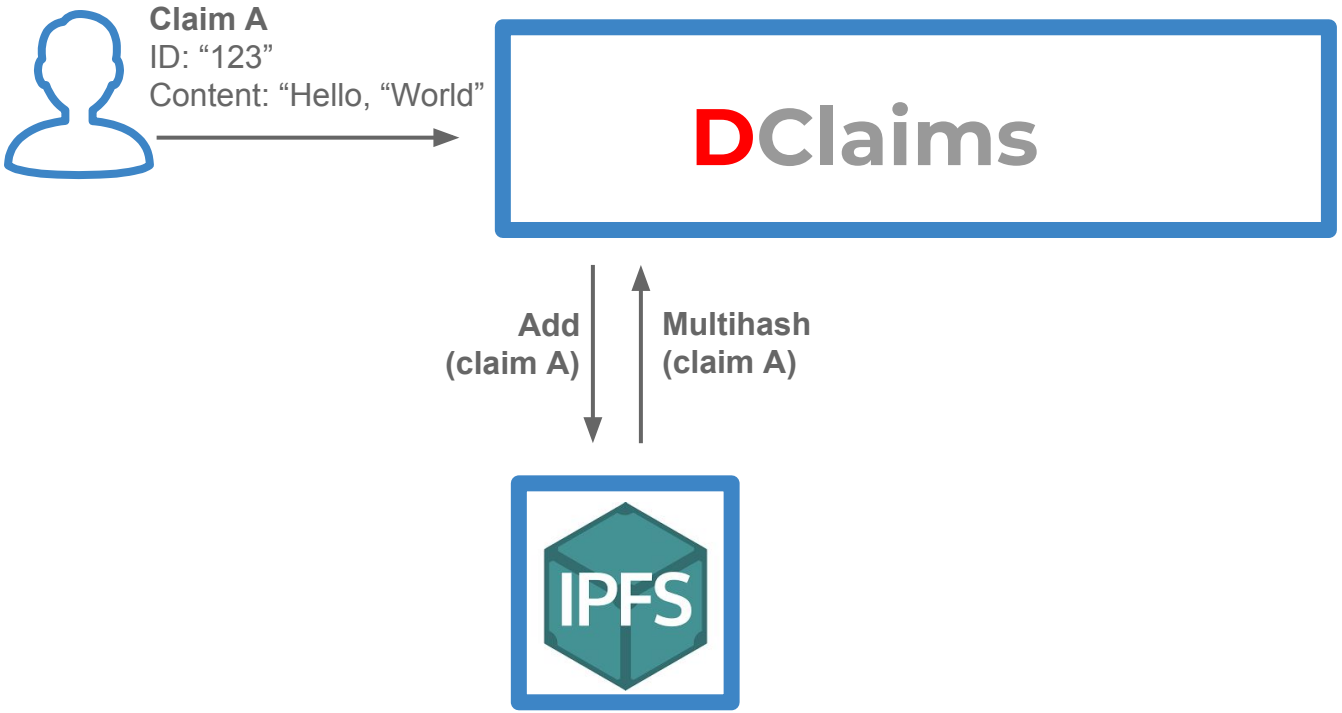
Distributed file system

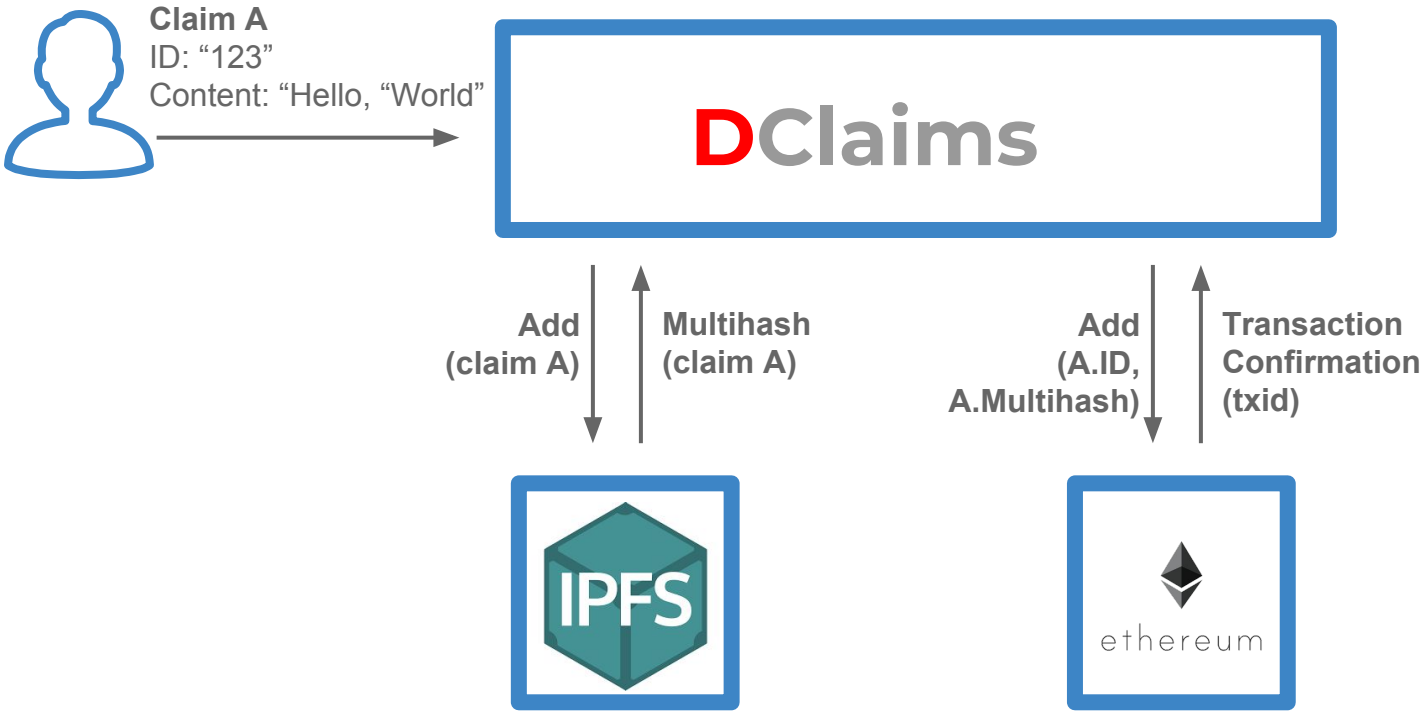
Permanent links

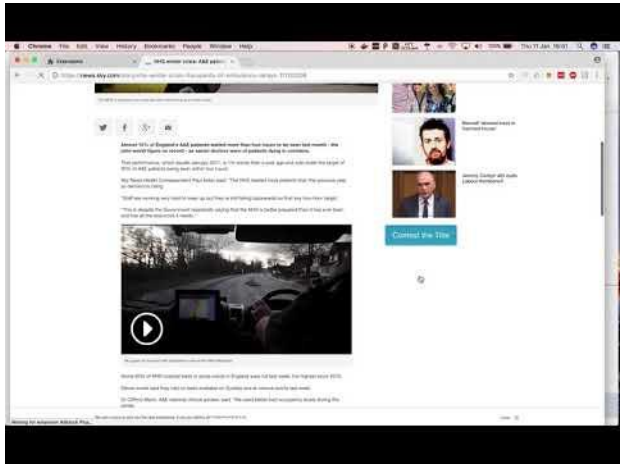
World computer

Global timestamping

Claim A
ID: “123”
Content: “Hello, “World”
DClaims


Claim A
ID: “123”
Content: “Hello, “World”
DClaims
Add
(claim A)
Multihash
(claim A)
IPFS


Claim A
ID: “123”
Content: “Hello, “World”
DClaims
Add
(claim A)
Multihash
(claim A)
Add
(A.ID,
A.Multihash)
Transaction
Confirmation
(txid)
IPFS
ethereum



Demo

backup

What works **TODAY**

Simple to integrate on with any news website

Create Claims about news articles

You can classify a news article using several categories

View claims other people made

You can even chose whose claims you want to see

Features

Censorship resistant

News websites do not have any control over the extension since it runs locally

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Secure

Ethereum and IPFS assure the integrity and authenticity of all the claims presented

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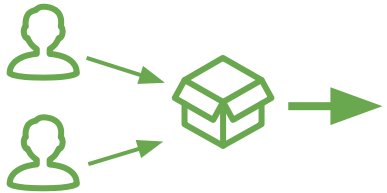
No single point of failure

Extremely resiliente due to its fully distributed nature

What will work in the FUTURE

Like 3 months from now



Publishers

Issue claims as a batch, significantly reducing the cost

What will work in the FUTURE

Like 3 months from now

Publishers

Issue claims as a batch, significantly reducing the cost

Curators

Entities that take all the existing claims and generate digests

THANKS!

Any questions?

You can find me at

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