

Decentralizing Proof of Employment

Problem: Mistrust in qualifications



Solution: Program dApp to relieve burdens of...

1. Time
2. Cost
3. Data Stewardship





**How does this
make the
world better?**

Removes over-sharing personal data in
the candidacy process

Thus, lessens unfair biases from occurring
early during the talent search

Talent is in control of how much information to share



Womxn workers

Datapoint: Full name

Bias: Marital Status, Gender

International workers

Datapoint: SSN

Bias: Documented work status

Other datapoints that risk biases

Sick pay (W2 request)

Incarceration (background request)

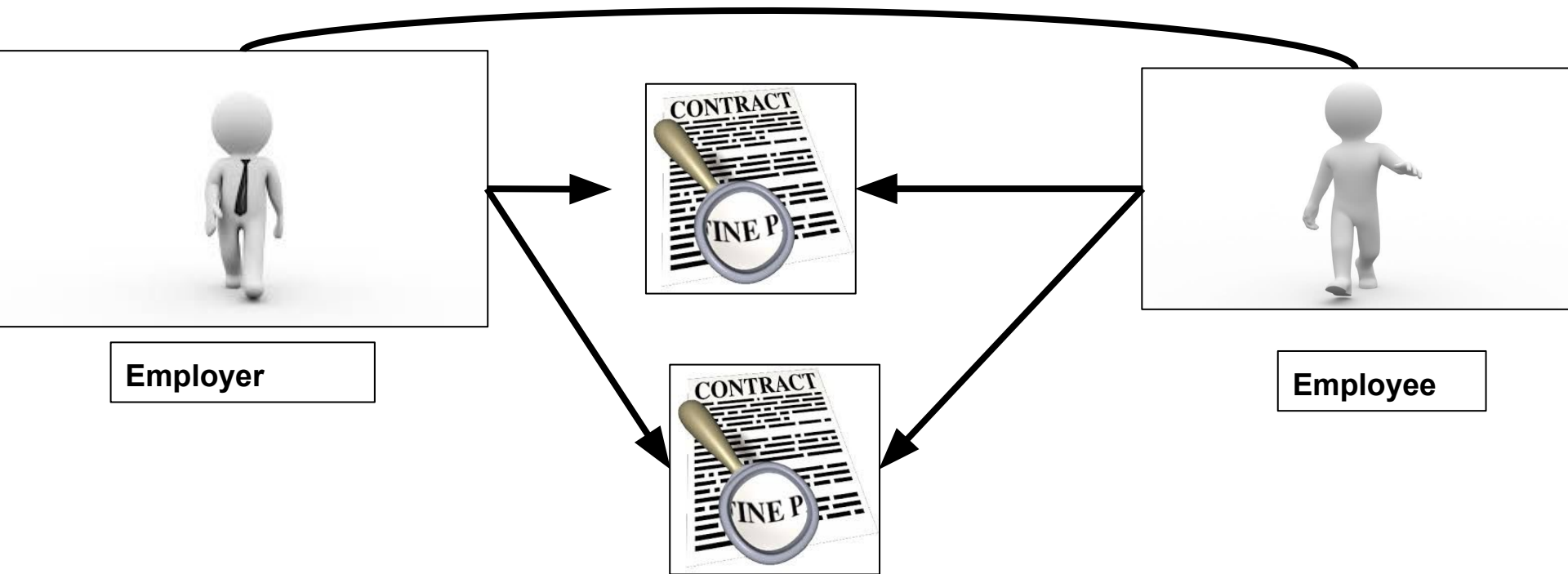
A large red square is centered on a white background. Inside this square is a smaller white square with a thin red border. The word "DEMO" is written in white, bold, sans-serif capital letters in the center of the white square.

DEMO

Blockchain :
Public Chain

Holochain : Private
Agent centric





Project

dna.json

agent.js



```
WorkEX
├── dna
│   └── Agent
│       ├── agent.js
│       ├── Contract.json
│       ├── Employee.json
│       ├── Employer.json
│       ├── dna.json
│       └── properties_schema.json
├── test
│   └── agent.json
├── ui
│   ├── .tags
│   └── hc-scaffold.yml
```

```
72     "CallingType": "json",
73     "Exposure": "public"
74   },
75   {
76     "Name": "EmployerCreate",
77     "CallingType": "json",
78     "Exposure": "public"
79   },
80   {
81     "Name": "EmployerRead",
82     "CallingType": "json",
83     "Exposure": "public"
84   },
85   {
86     "Name": "EmployerUpdate",
87     "CallingType": "json",
88     "Exposure": "public"
89   },
90   {
91     "Name": "EmployerDelete",
92     "CallingType": "json",
93     "Exposure": "public"
94   },
95   {
96     "Name": "ContractCreate",
97     "CallingType": "json",
98     "Exposure": "public"
```

```
riddhi@riddhi-SVF15212SNW: ~/Documents/cryptoclara/workexp
plovees
passed! ✓
Test 'employmentcontract.9' t+99ms: auto-generated test for curren
tEmployees
passed! ✓
Test 'employmentcontract.10' t+102ms: auto-generated test for list
Employers
passed! ✓

=====
+++++ All tests passed :D +++++
=====
riddhi@riddhi-SVF15212SNW:~/Documents/cryptoclara/workexp$ hcdv we
b
No command 'hcdv' found, did you mean:
  Command 'cdv' from package 'codeville' (universe)
  Command 'hcd' from package 'hfsutils' (main)
hcdv: command not found
riddhi@riddhi-SVF15212SNW:~/Documents/cryptoclara/workexp$ hcdev w
eb
Copying chain to: /home/riddhi/.holochaindev
Serving holochain with DNA hash:QmPLQ4tyYztr6egDA9rtV2og7iyPzNaTzc
tndpBxjc3fZk on port:4141
```

2 results found for 'link'

Finding with Options: Case Insensitive

.* Aa

link

2 found

Find

Find All

Replace in current buffer

Replace

Replace All

Team CryptoCLARA

