

JuliETH

PRIVACY-PRESERVING DATING 

# The Setting



THE DATER



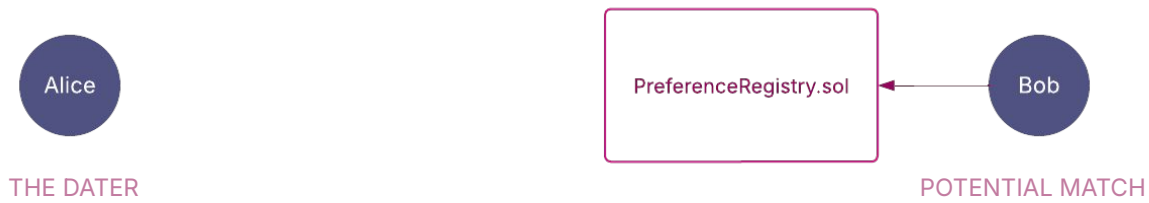
POTENTIAL MATCH

# Step #1: Commit Profile

**Commitments:** [https://o1-labs.github.io/proof-systems/fundamentals/zkbook\\_commitment.html](https://o1-labs.github.io/proof-systems/fundamentals/zkbook_commitment.html)



## Step #2: Register Preferences



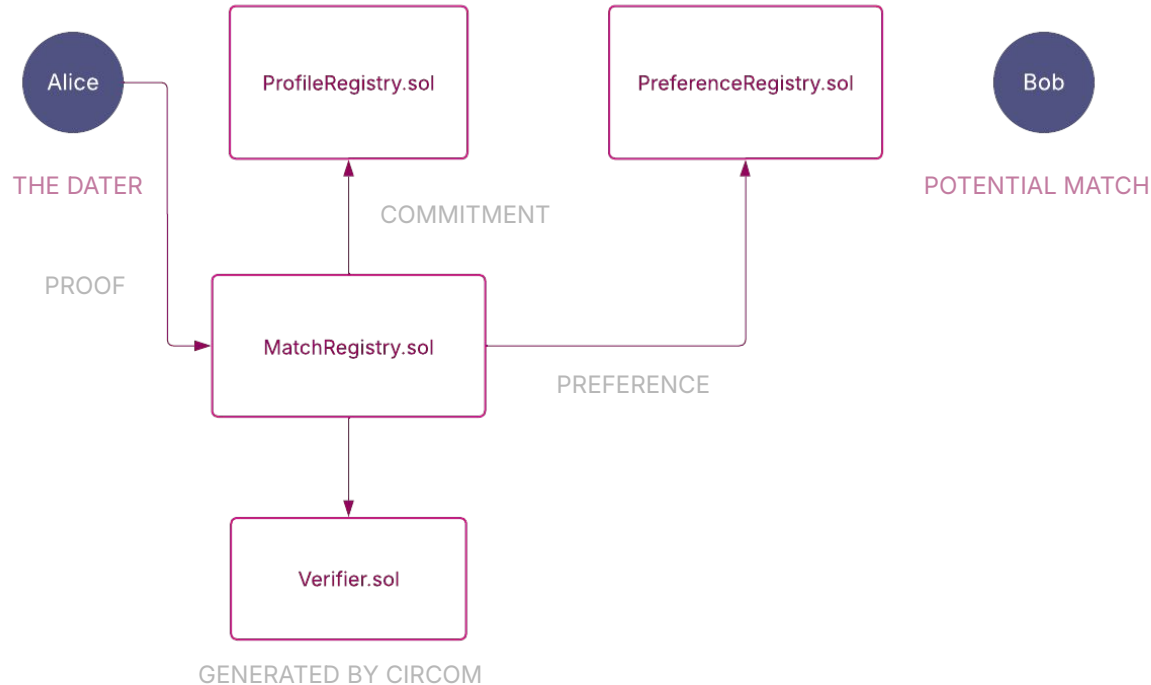
I.E.

```
{  
  "minAge": 18,  
  "maxAge": 35,  
  "acceptedGenders": [1, 2, 3],  
  "desiredLocation": 12,  
  "desiredOccupation": 3,  
  "desiredHobby": 5  
}
```

PUBLIC

## Step #3: Verify Match

**Circuit:** [https://github.com/sabrinahirani/juliETH/blob/main/circuits/match\\_profile.circom](https://github.com/sabrinahirani/juliETH/blob/main/circuits/match_profile.circom)



# Demo

