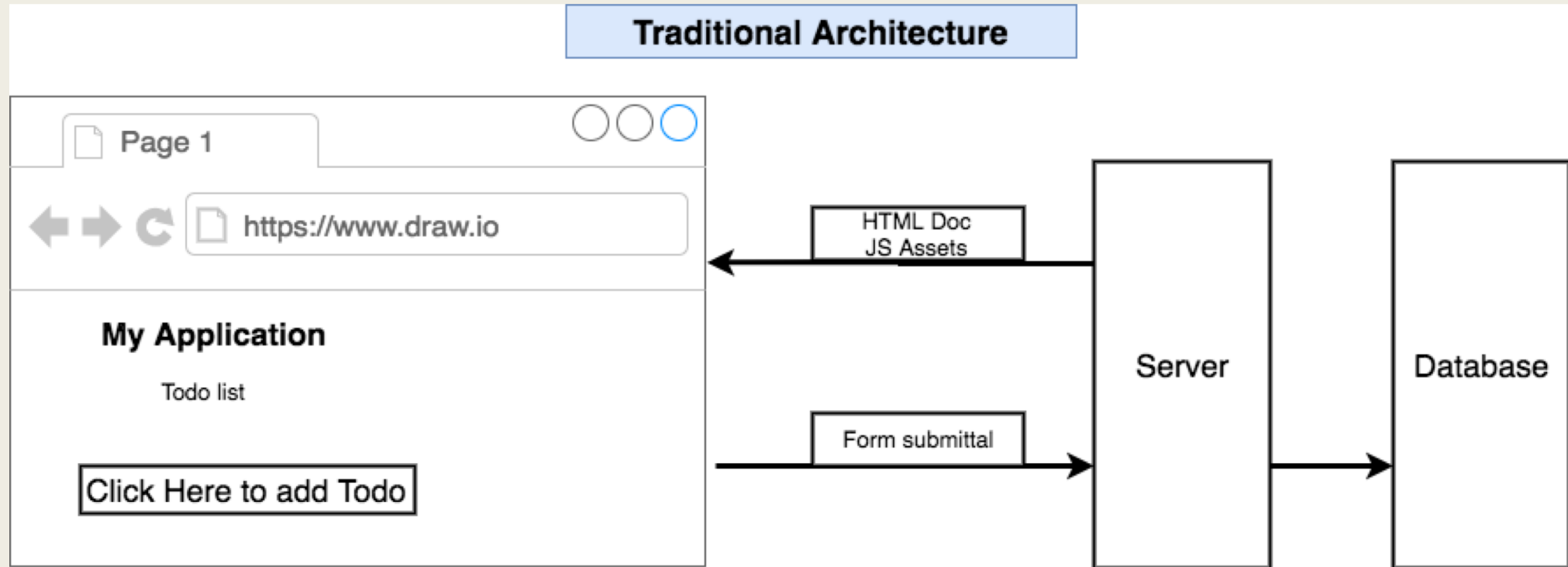


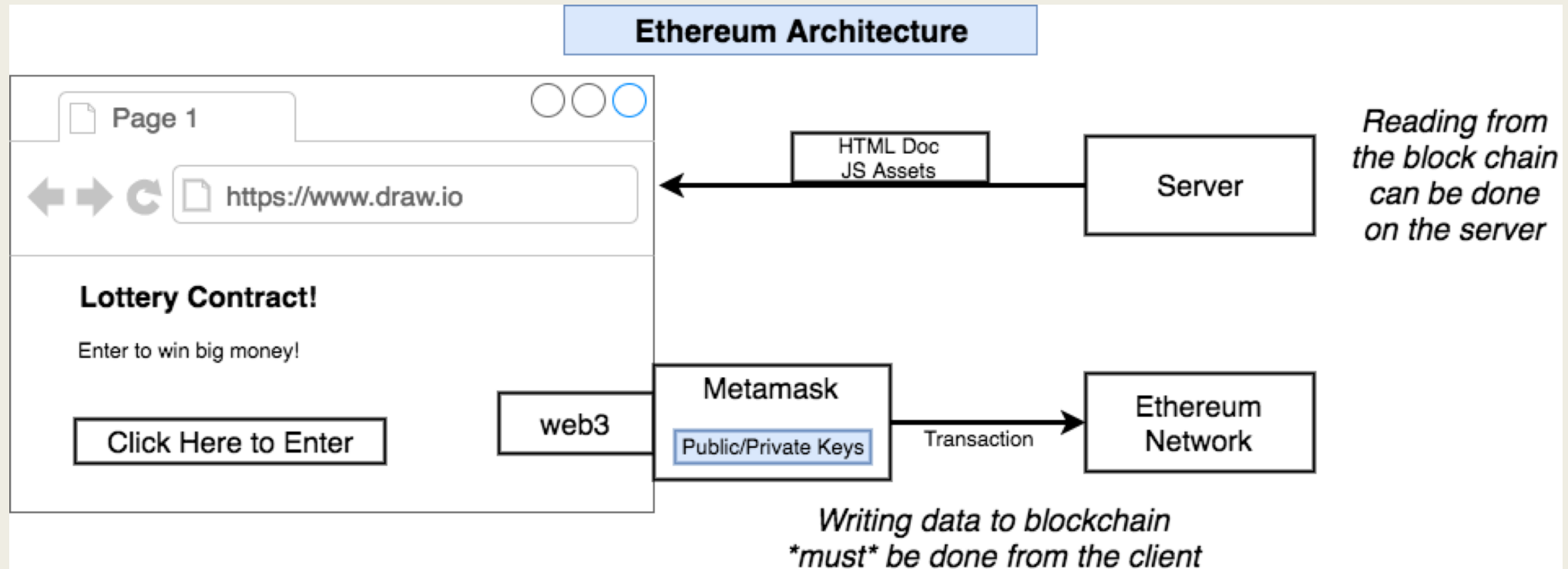
Day 3 Outline

- Web App Traditional Architecture
- Web App Ethereum Architecture
- Lottery Prototype
- Injected web3
- Demo - Lottery with React
- Truffle introduction
- Truffle Pet Shop tutorial
- Recap

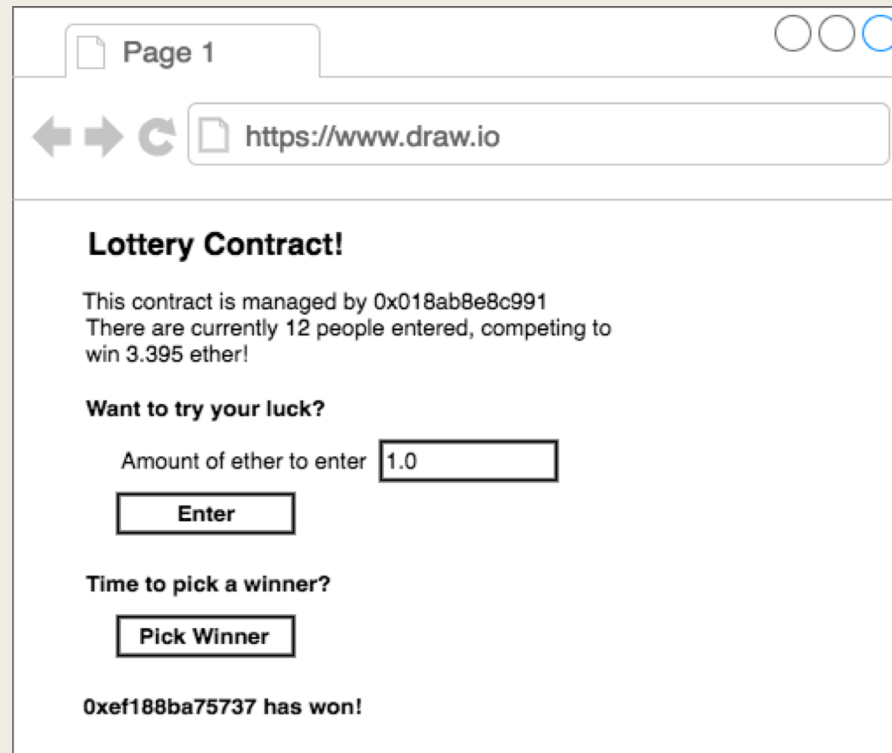
Web App Traditional Architecture



Web App Ethereum Architecture



Lottery prototype



The image shows a web browser window with a single tab labeled "Page 1". The address bar contains the URL "https://www.draw.io". The page content is titled "Lottery Contract!" and provides information about the contract manager (0x018ab8e8c991) and the current state (12 people entered, competing to win 3.395 ether). It includes a section "Want to try your luck?" with a text input field for the "Amount of ether to enter" (set to 1.0) and an "Enter" button. Below this is a section "Time to pick a winner?" with a "Pick Winner" button. At the bottom, it announces "0xef188ba75737 has won!".

Page 1

https://www.draw.io

Lottery Contract!

This contract is managed by 0x018ab8e8c991
There are currently 12 people entered, competing to win 3.395 ether!

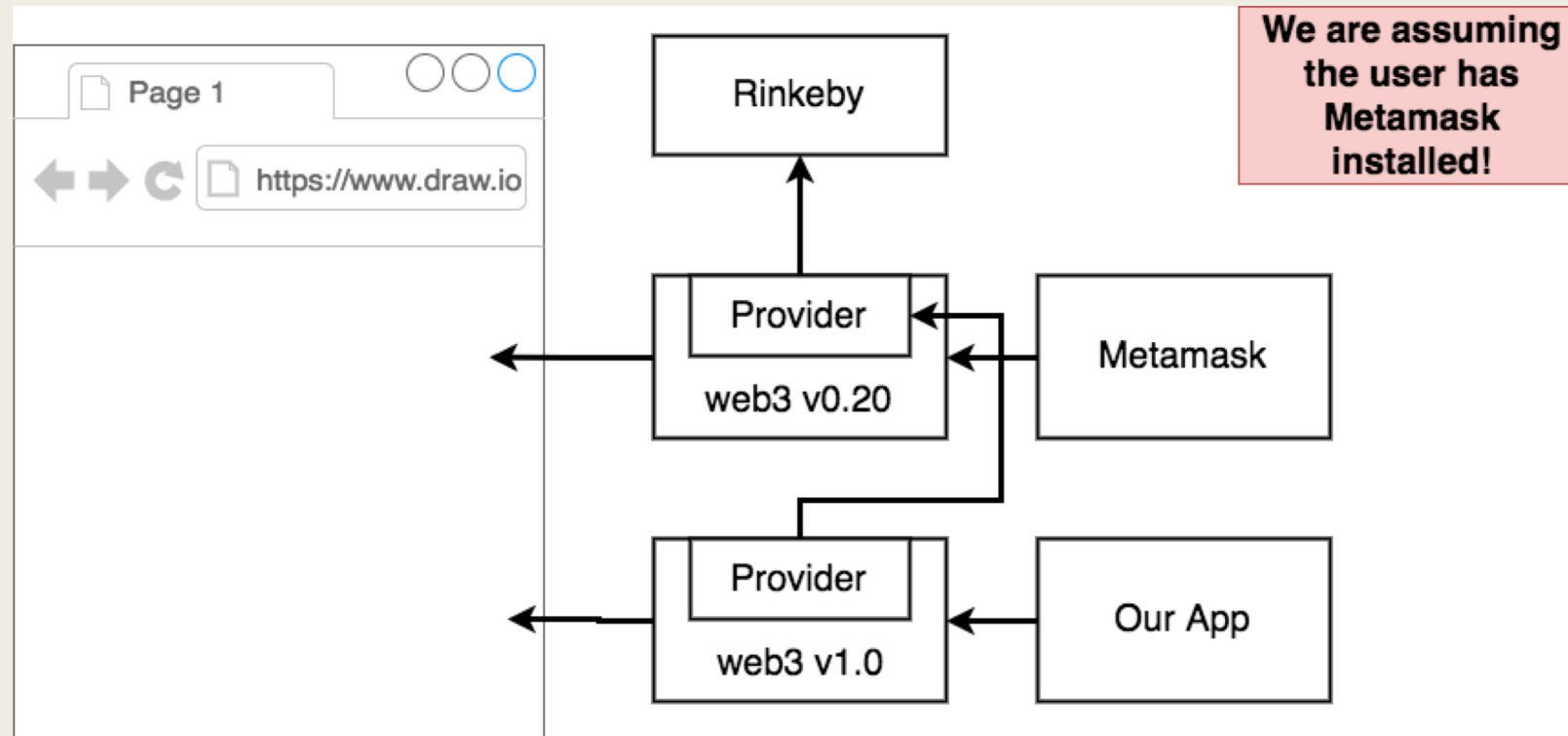
Want to try your luck?

Amount of ether to enter

Time to pick a winner?

0xef188ba75737 has won!

Injected web3



Lottery with React

- “npm install -g create-react-app”

Truffle

- Truffle is the most popular development framework for Ethereum with a mission to make your life a whole lot easier.



DIY – Pet Shop



Recap

- Understand how easy to build a full-stack Ethereum web app with React
- Get used to the most popular Ethereum development framework