Package Manager for ICP

Install software in the ICP to use it in a user's subnet.

OS for ICP

Problem 1: Lost Control

Users lost control over their apps
in the cloud era, because now cloud controls apps.
Apps can be updated without user consent.
Apps can be hacked, even if the the user keeps secure.

We are to return control to the user,
or, in blockchain slang, make the user self-sovereign.

Problem 2: Blockchain Is Slow

Interoperability between apps on

ICP blockchain is slow.

We can make it much faster.

The Market

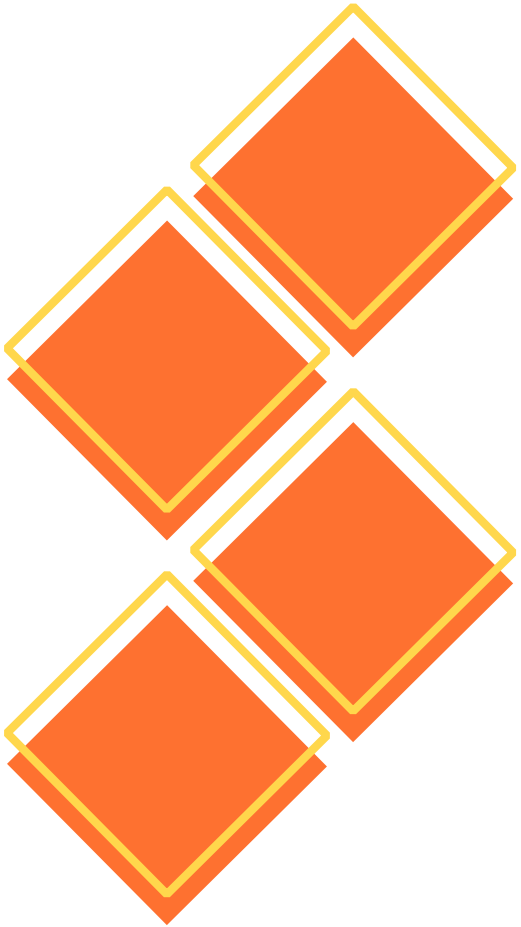
- We enter the market of computing Power for cloud apps:
  - The Computing Power market size is projected to grow from USD 49.4 billion in 2024 to USD 79.3 billion by 2032
    https://www.marketresearchfuture.com/reports/computing-power-market-21988
  - We are going to charge the user 1% on top of his/her payments for blockchain gas. **TAM: 793 million by 2032**.
- We also are going to enter paid apps market:
  - projected market volume of US$673.80bn by 2027
    https://www.statista.com/outlook/dmo/app/worldwide
  - **TAM: 67.380bn by 2027**, if we will charge 10%.

The Solution

- **A package manager that installs software in ICP blockchain** (rather than on user's computer or in cloud).
  - **Convenient**, **low TCO**, super-**secure**.
- ***Now*** *companies use locally installed Web software for this purpose, which has very* ***high TCO****, almost* ***no interactability****,* ***slow*** *and* ***unreliable*** *operations (need to* ***phone the sysadmin*** *and beg him to agree),* ***low security****. Home users usually just don't.*

Target Audience

- Web app developers
  - dapp developers;
  - Former installable app developers.
- Users who want control and security.
- Users drawn in by app developers.



1

Features like

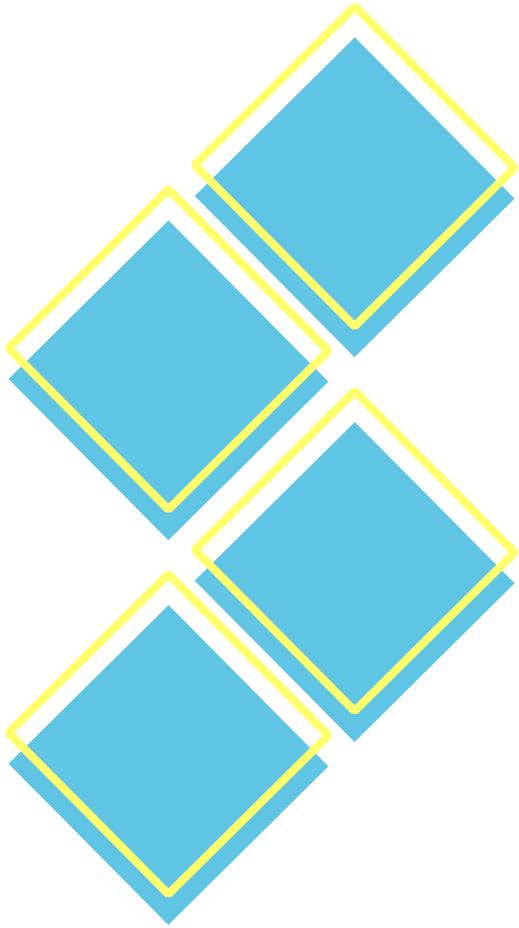
Features like: Google Play,
Linux package managers:

Install dependencies,
choose vendors,
give permissions,
process events.

2

Fast

Putting all user’s software in the same subnet can much increase the speed.



Support for multiple repos (DAOs), multiple installs, and multiple subnets

Unlike Linux distros, you can install from multiple repositories.

Choice

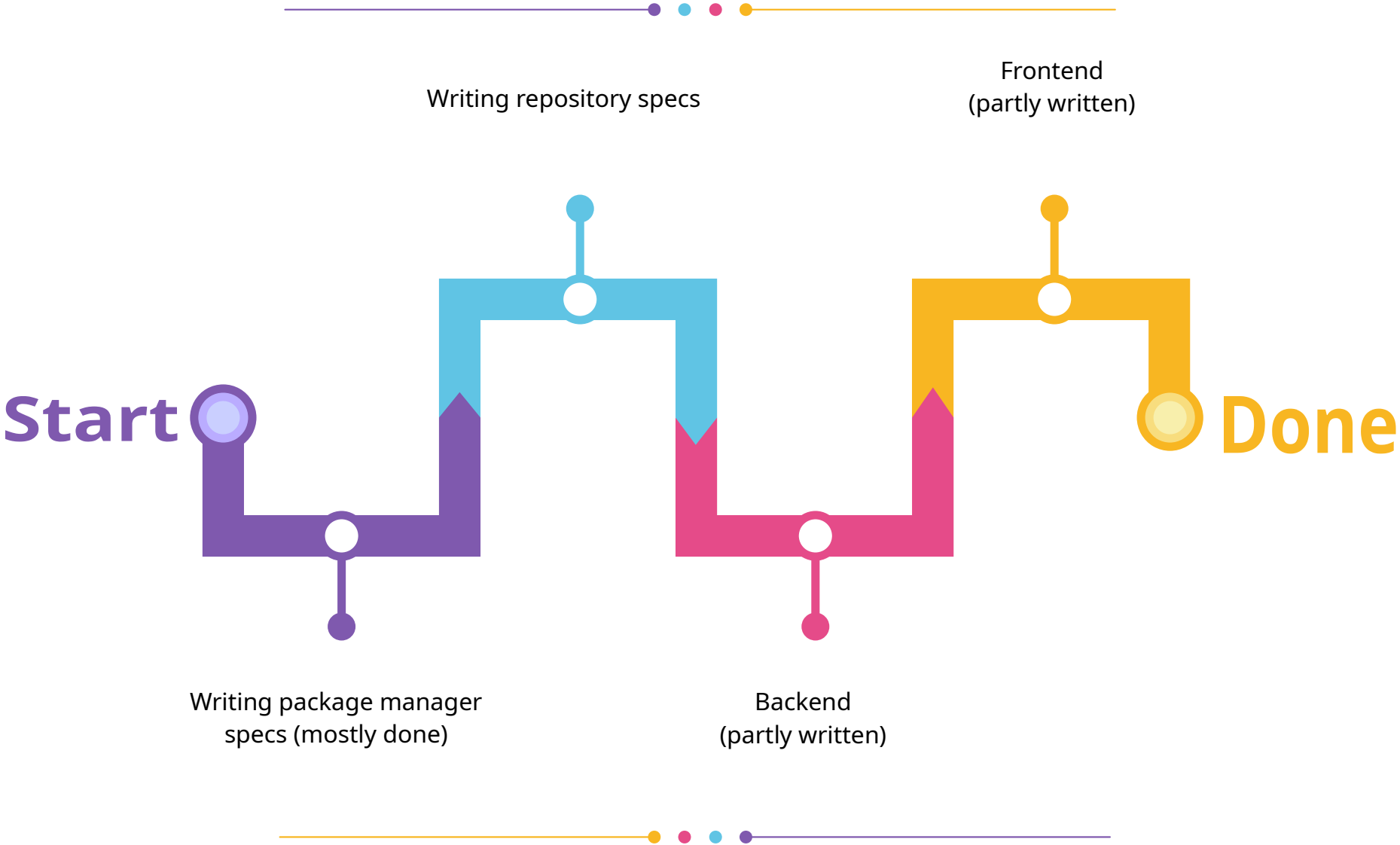
Choose, for example, between several email clients.

Permissions and events

Android-like permissions, inter-app events.

Support big repos

Practically no limit for repository size.


Writing repository specs
Frontend
(partly written)
Start
Done
Writing package manager
specs (mostly done)
Backend
(partly written)

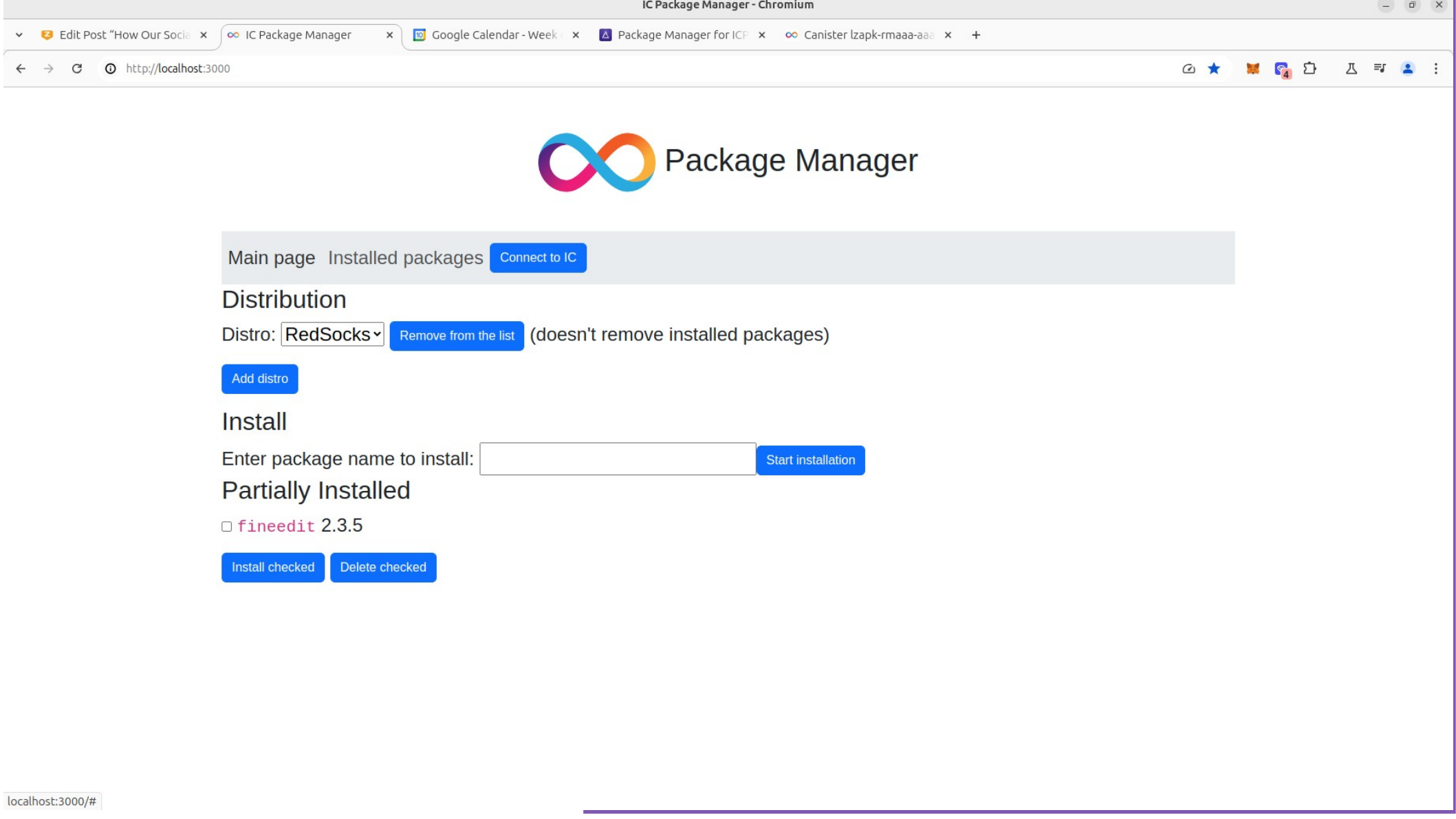
Scenario 1: 100M paid users, each paying $200, our 10% tax = $20B revenue.

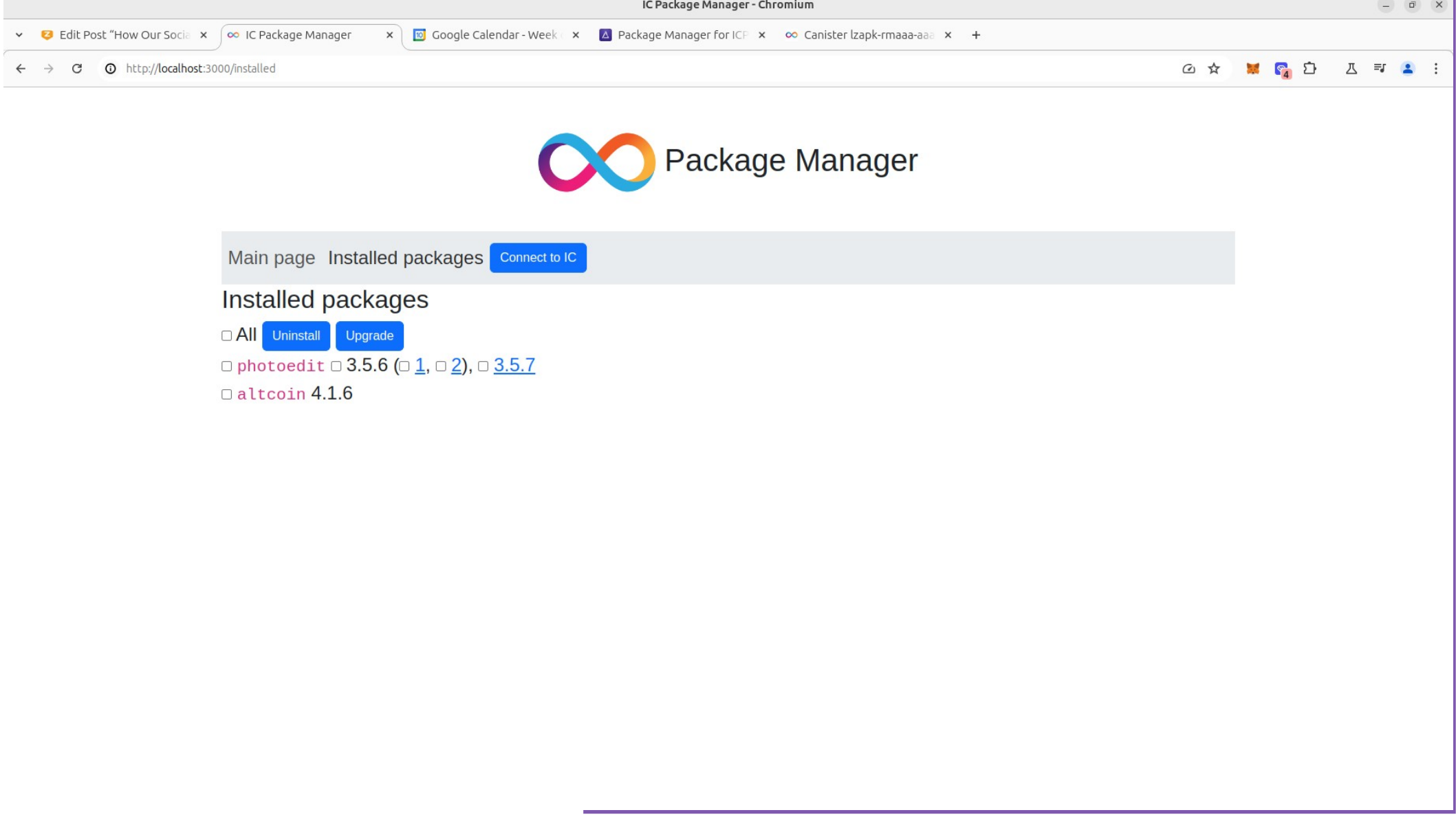
Work by: Falia Vicky

Scenario 2: 1B users, each installs 100 apps with 3 modules each, $2 paid in gas, our 1% tax = $6B revenue.

Scenario 3: 10K corporate AI users, each spends $10000 on running AI, our 1% tax = $1M revenue.

Work by: Falia Vicky


IC Package Manager - Chromium
Edit Post "How Our Socia
IC Package Manager
Google Calendar - Week
Package Manager for ICP
Canister lzapk-rmaaa-aaa
http://localhost:3000
Package Manager
Main page
Installed packages
Connect to IC
Distribution
Distro:
RedSocks
Remove from the list
(doesn't remove installed packages)
Add distro
Install
Enter package name to install:
Start installation
Partially Installed
fineedit 2.3.5
Install checked
Delete checked
localhost:3000/#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Package Manager for ICP
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http://localhost:3000/installed
Package Manager
Main page
Installed packages
Connect to IC
Installed packages
All
Uninstall
Upgrade
photoedit 3.5.6 (1, 2), 3.5.7
altcoin 4.1.6

Raising $75K

At this stage **raising $75K** for SEO, SM, and the developer's salary.

The company is backed by one of the best mathematicians in History
(I discovered ordered semigroup actions.)

2nd prize in Open Internet Summer 2024
(numerous other blockchain hackathons won).

gimpscape ID

THANK YOU

Victor Porton, the mathematician who discovered ordered semigroup actions.

CREDIT BY :

@lken__ @menggelinding_ @ealita.id @li_orch @cahyaning_asih

BIDADARI GIMPSCAPE