

Technocratic Information Exchange

by Jure Sah

Introduction

Technocratic Information Exchange

- Life in a technate is based on:
 - Critical scientific thinking
 - An informed society
 - Problem solving
- Tasks for Technocratic Information Exchange
- Transition from the current system needed

Technocratic Information Exchange

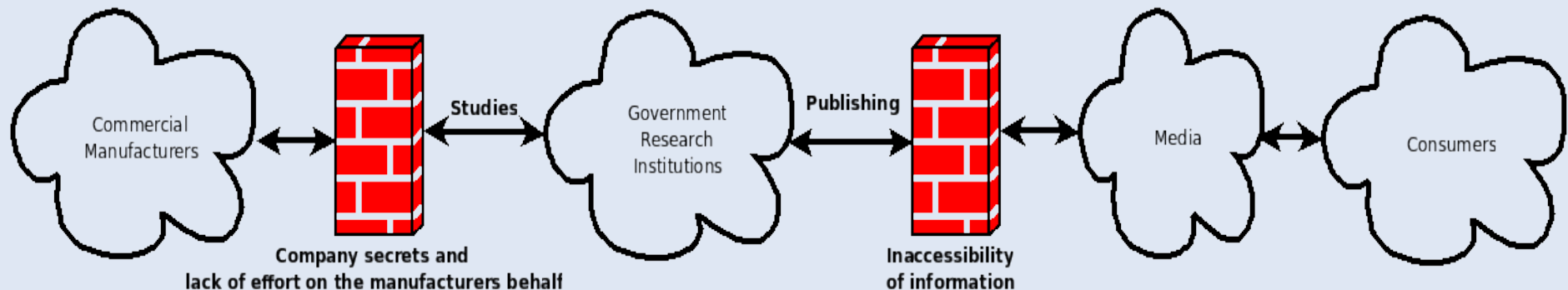
The Problem

Technocratic Information Exchange

- Data sources are mostly present only in commercial environments
 - Resource distribution – water, power, etc
 - Technology development (funding & rights)
 - Manufacturing – counts & measurements
- Commercial environments hide data
 - Lack of time (money) to filter and distribute the data

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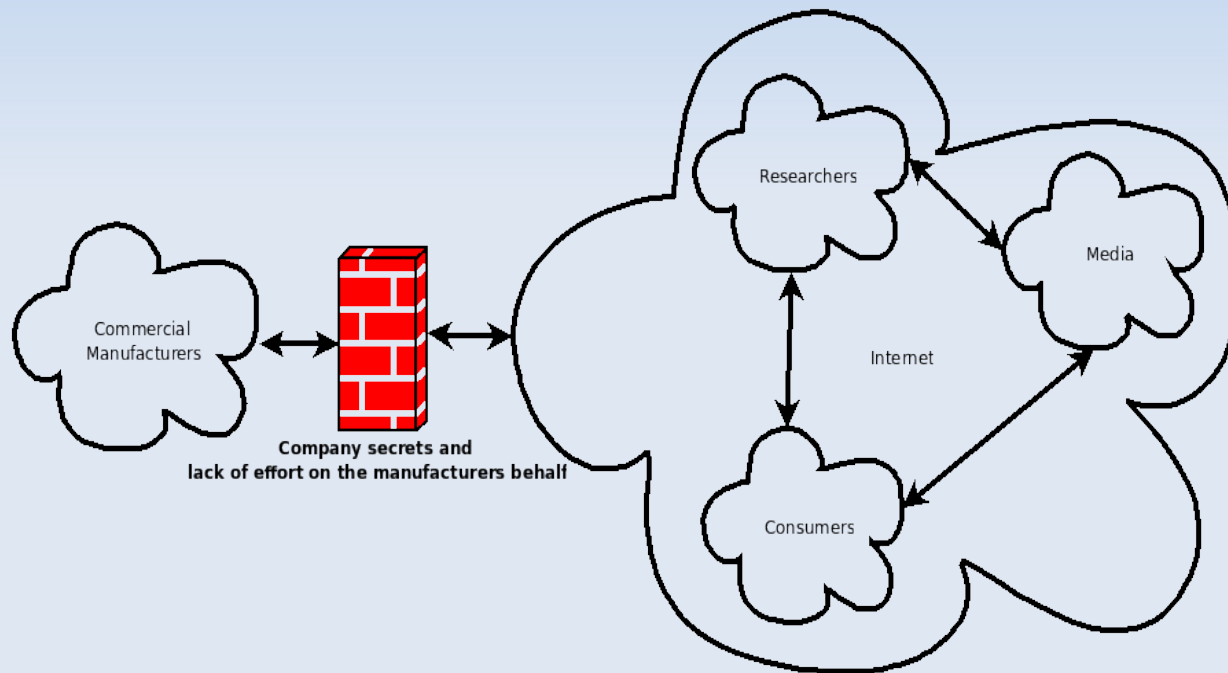
- Researchers and media need this data to work
- Consumers are left in the dark
 - Myths
 - Conspiracy theories



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Current Progress

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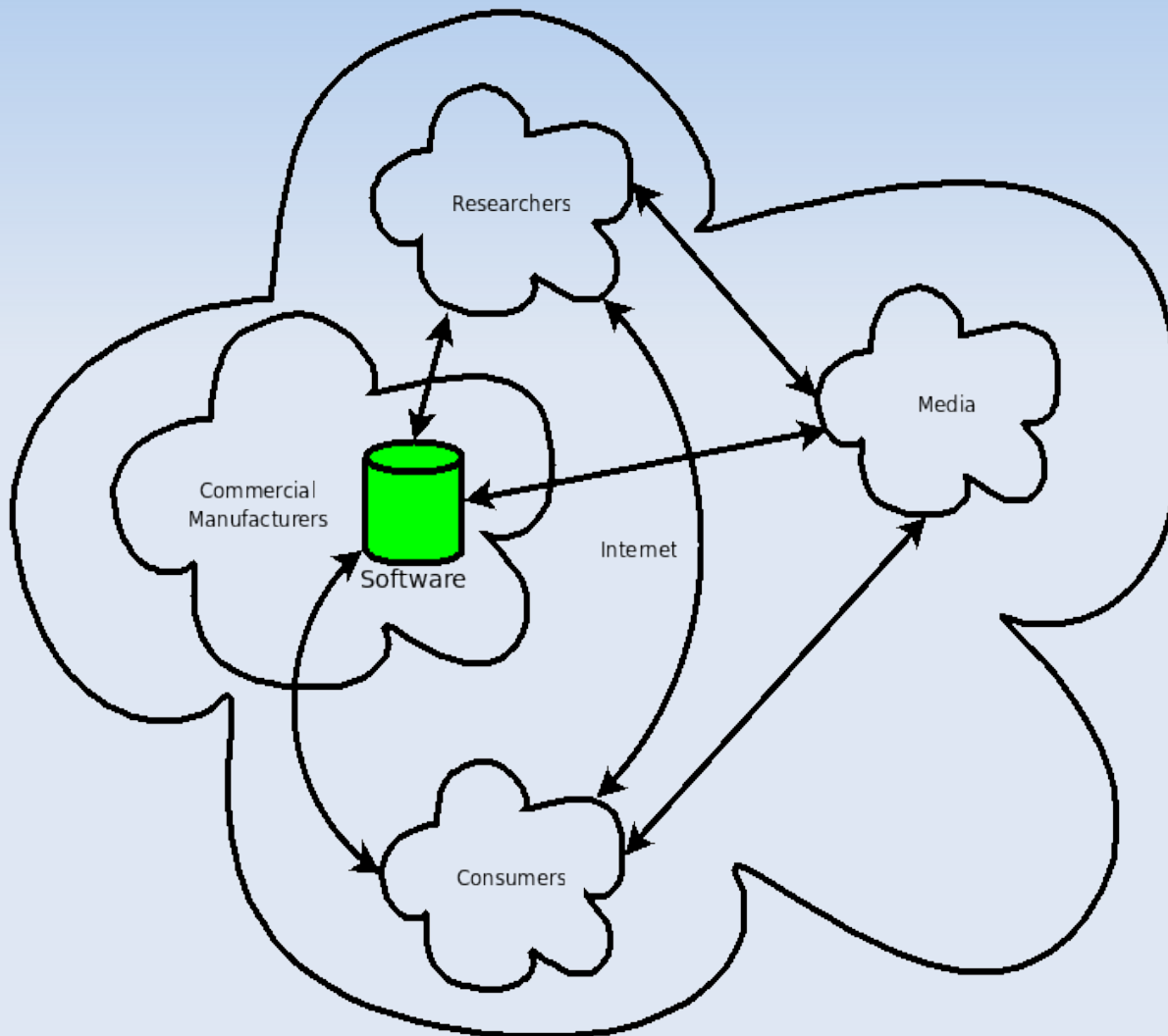


- Internet:
Direct access to data
- No more dark ages
- Same lack of time (money) in commercial environments

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The Solution

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- Need to make it easier (cheaper) for commercial environments to offer data
- Software solution

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How

Technocratic Information Exchange

- Implement software
 - For existing needs
 - Built-in data publishing
- Ethernet, IP, TCP, HTTP: Standard Internet
- XML and RDF: Interoperable data format

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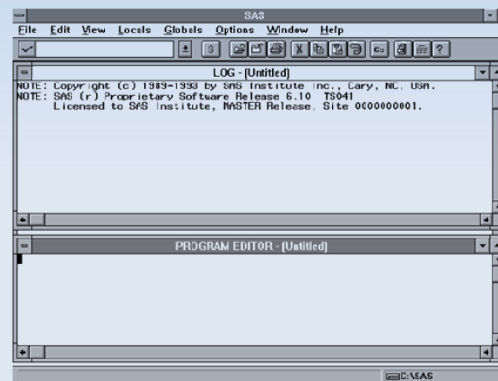
- Already being used:
 - Weather reports
 - Monetary exchange rates
 - TV schedules
- Potential sources:
 - Power usage counters – energy survey
 - Environmental sensors – air quality
 - Traffic counting – avoiding traffic jams

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Implementation

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- Making it accepted:
 - Create software with advantages
 - Let others copy it

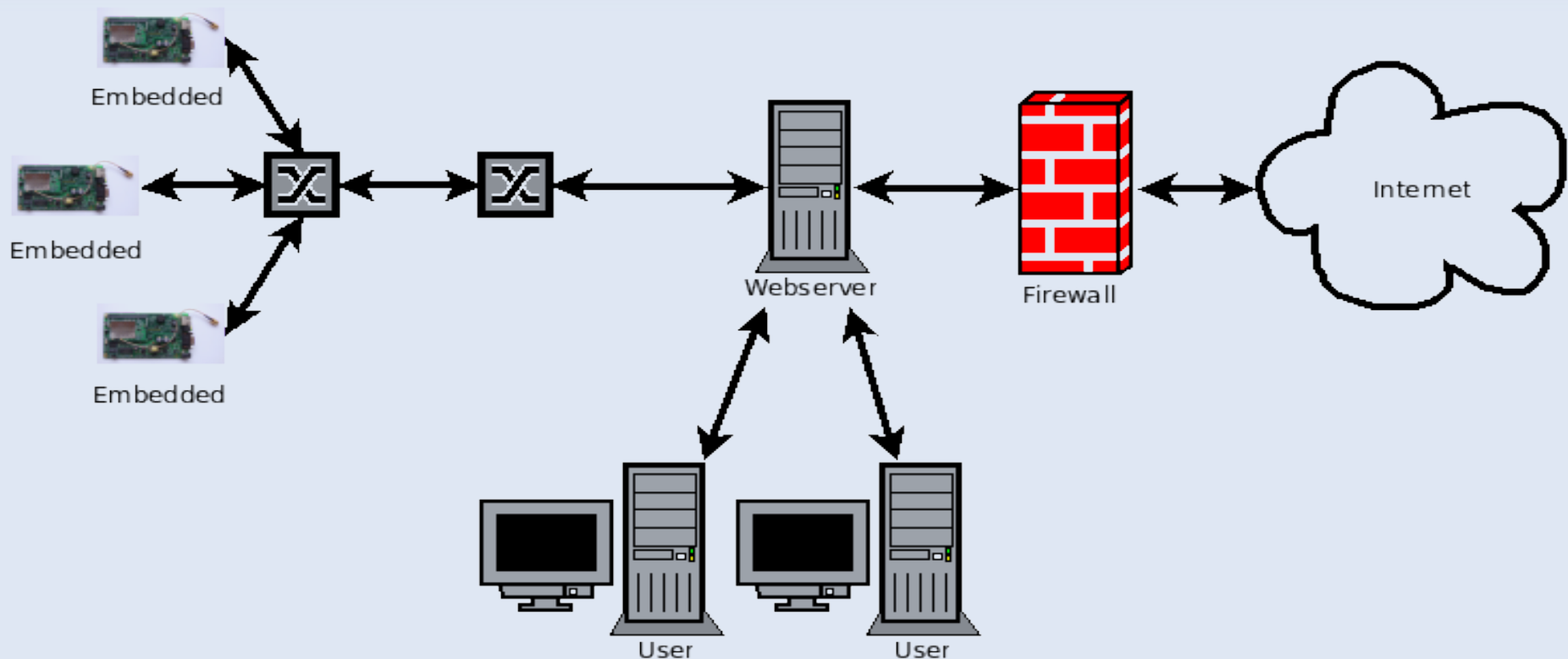


- Advantages:
 - User interfaces – as friendly as of modern websites
 - Networking – simple at any setup or distance

Technocratic Information Exchange

```
<?xml version="1.0"?>
<data xmlns="http://www.example.com/our/dataFormat">
  <entry time="1237766460">1548</entry>
  <entry time="1237766461">1562</entry>
  ...
  <entry time="1237769932">1582</entry>
</data>
```

- Possible
- Simple to make
- Really works



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Conclusion

Technocratic Information Exchange

- Have a framework for improvement
- Once data is on the Internet, whoever is interested can create with it
- May require a NPO to urge commercial organizations to publish data
- Instant access to accurate, processed data through other software on the Internet
- Informed society