

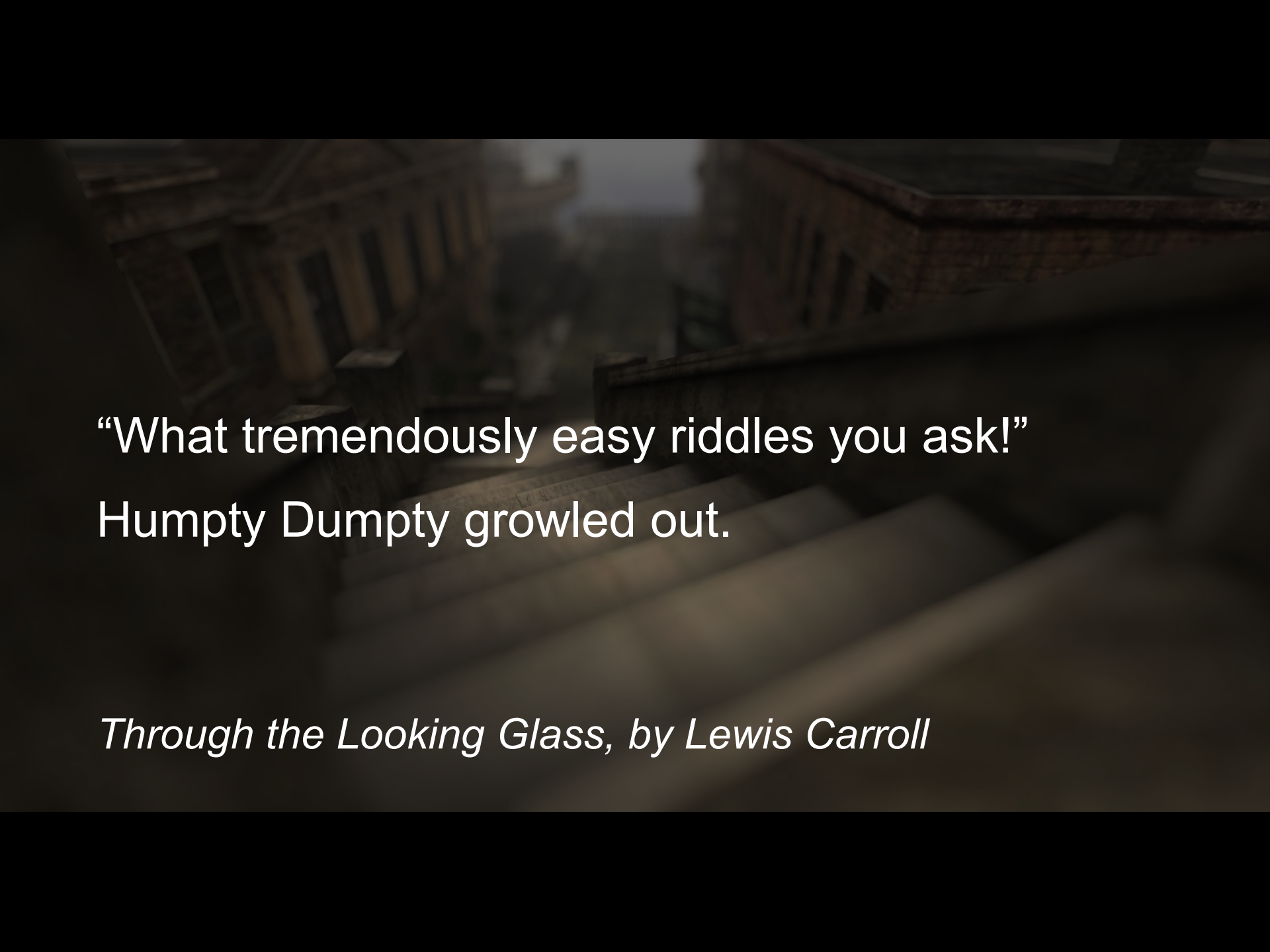


# Evaluating Government Policies using Open Source Models

Audrey Lobo-Pulo


Disclaimer : This presentation is based on the views of the presenter and are not necessarily those of the Australian Government.






“What tremendously easy riddles you ask!”  
Humpty Dumpty growled out.

*Through the Looking Glass, by Lewis Carroll*

A deep space photograph featuring a bright star in the upper left corner and a large, multi-colored galaxy in the center. The galaxy has a yellowish-white core and blueish-purple outer regions. The background is a dark field of stars.

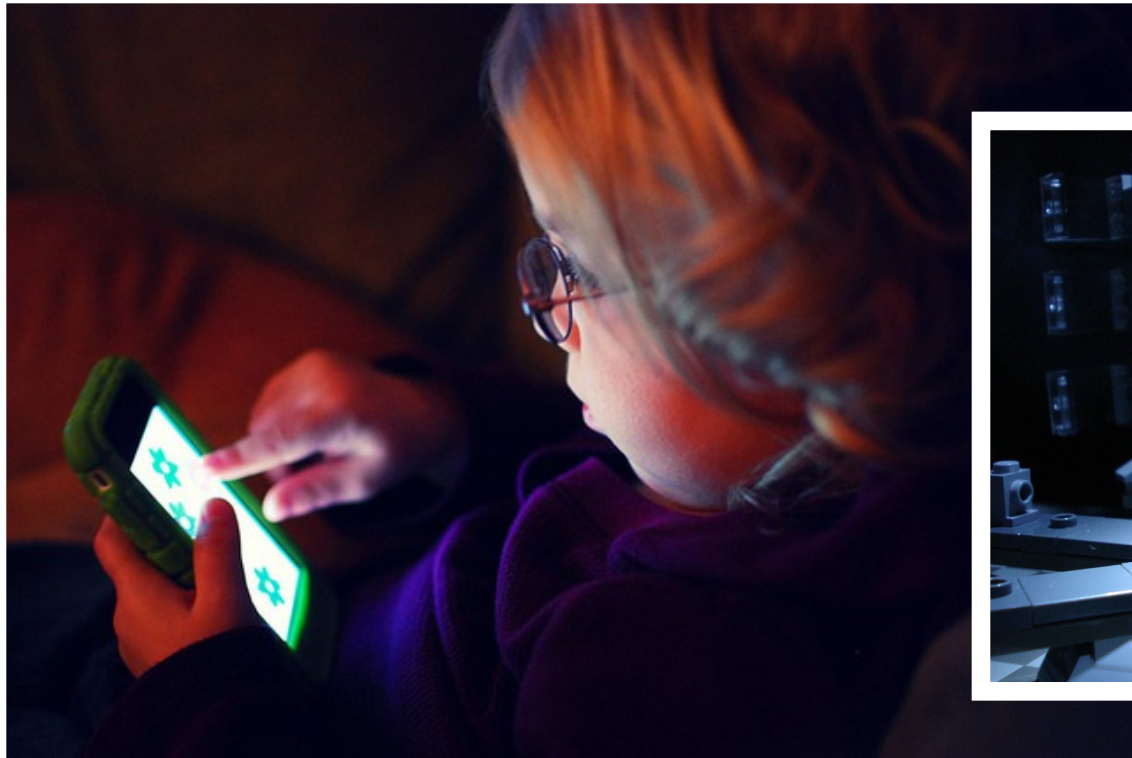
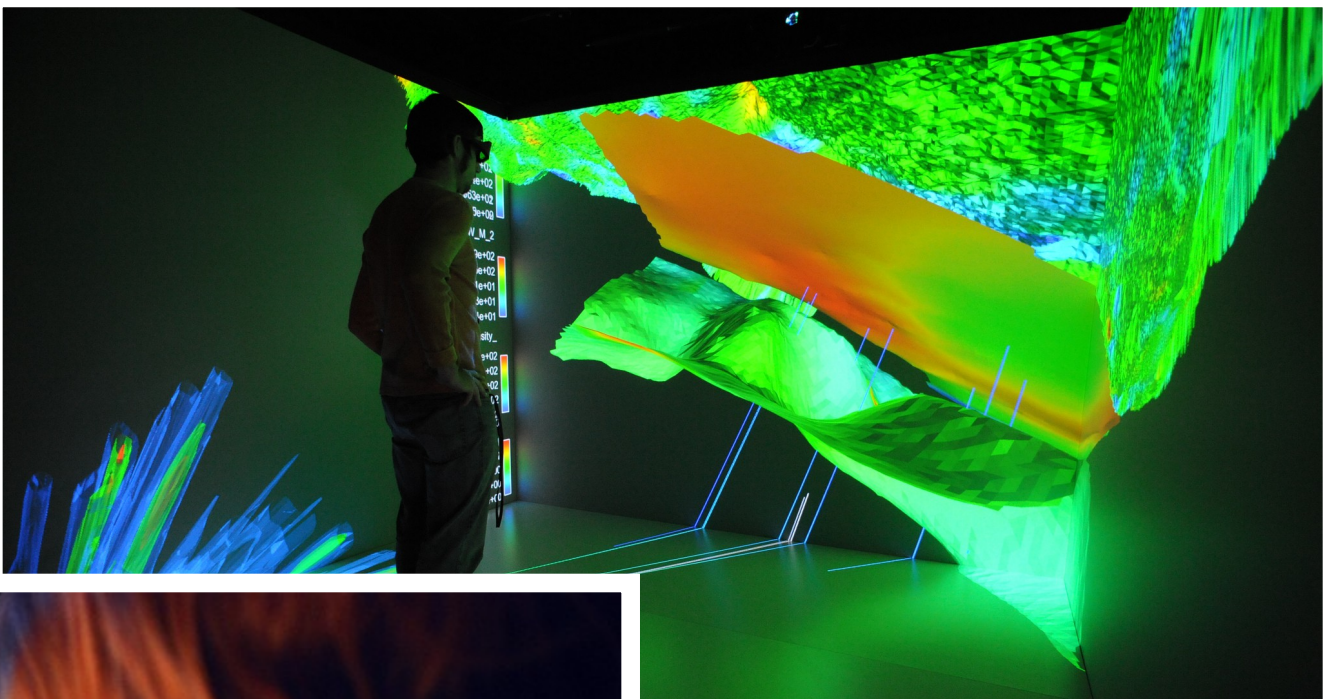
“ ... to explore strange new worlds...  
to boldly go where no man has  
gone before”

Capt. Kirk, Star Treks



“...simply publishing snapshots of government information is not enough to make it open...”

*‘Digital Government: Building a 21st Century Platform to Better Serve the American People’*





## The MAP Dashboard

### Society

- Health
- Close relationships
- Home
- Safety
- Learning and knowledge
- Community connections and diversity
- A fair go
- Enriched lives

### Environment

- Healthy natural environment
- Appreciating the environment
- Protecting the environment
- Sustaining the environment
- Healthy built environments
- Working together for a healthy environment

### Economy

- Opportunities
- Jobs
- Prosperity
- A resilient economy
- Enhancing living standards
- Fair outcomes
- International economic engagement

### Governance

- Trust
- Effective governance
- Participation
- Informed public debate
- People's rights and responsibilities

“There is a rule of thumb on the internet that says you should never trust a car analogy...”

<http://linguafrankly.blogspot.com.au/2013/06/the-obligatory-car-analogy.html?m=1>

# Government Open Source Models (GOSMs)

A large, intricate sandcastle on a beach, symbolizing complexity. The sandcastle is built on a sandy beach and features multiple towers, turrets, and a central staircase. The towers have small windows and are decorated with various patterns. The overall structure is highly detailed and complex, with many small openings and decorative elements. The sand is a light brown color, and the background shows the texture of the beach sand.

“Simple is better than complex.  
Complex is better than complicated”

*The Zen of Python*

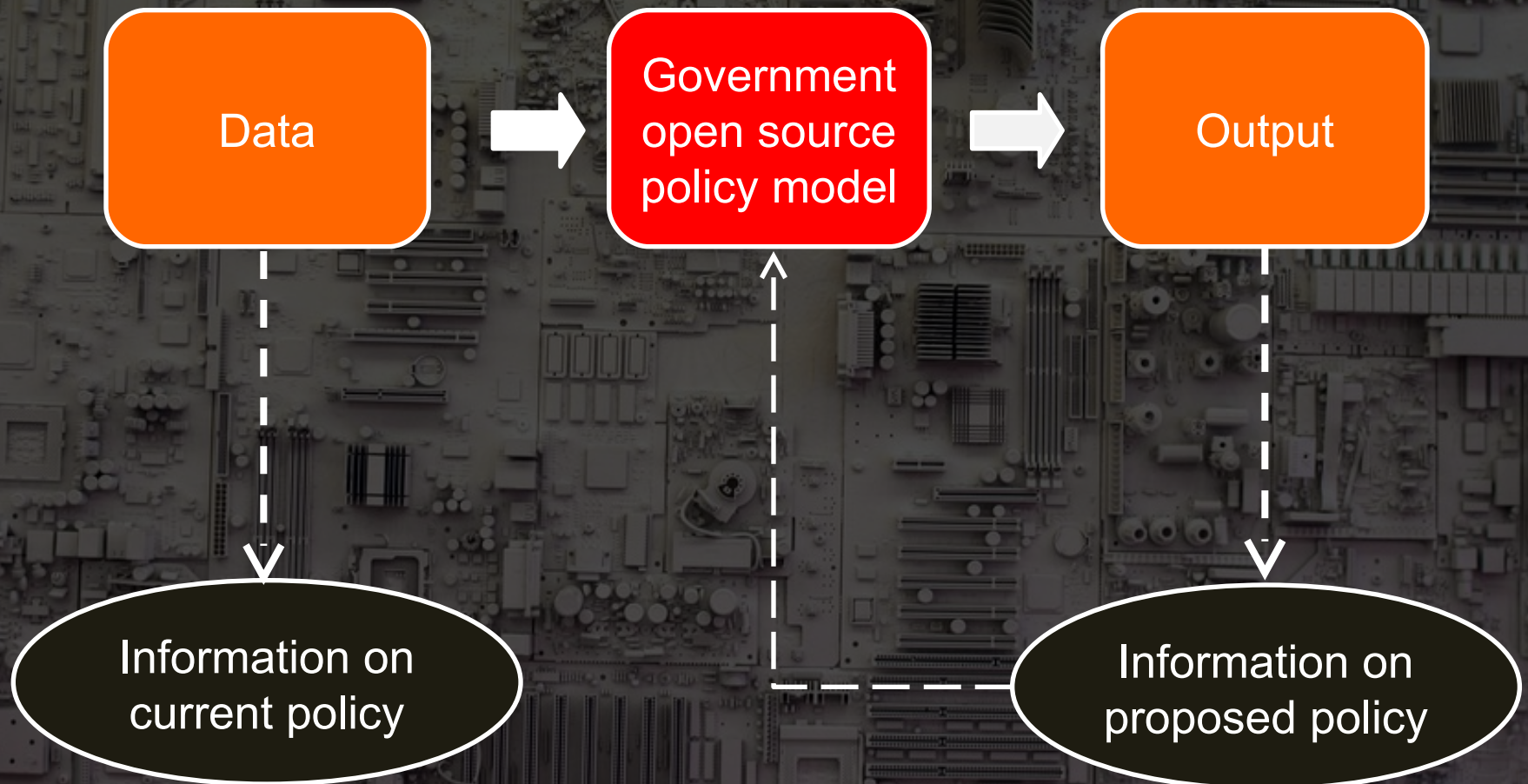


# The Politician, the Bureaucrat and... *the Geek !*





# Government Modelling System



Software development

Economic assumptions

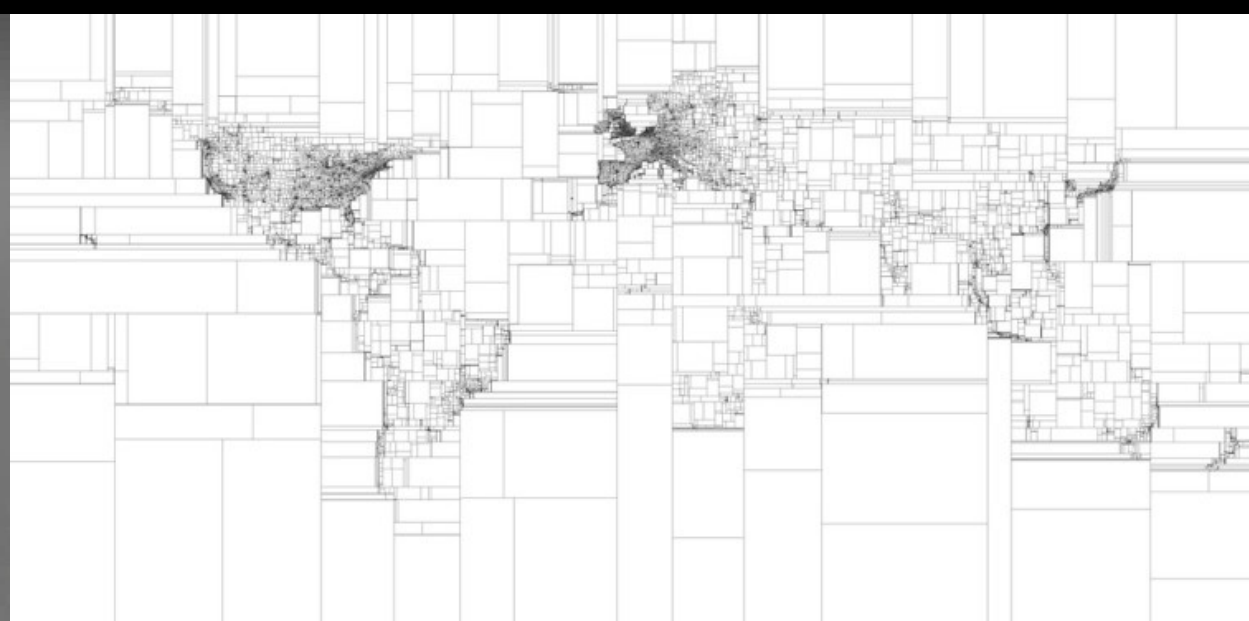
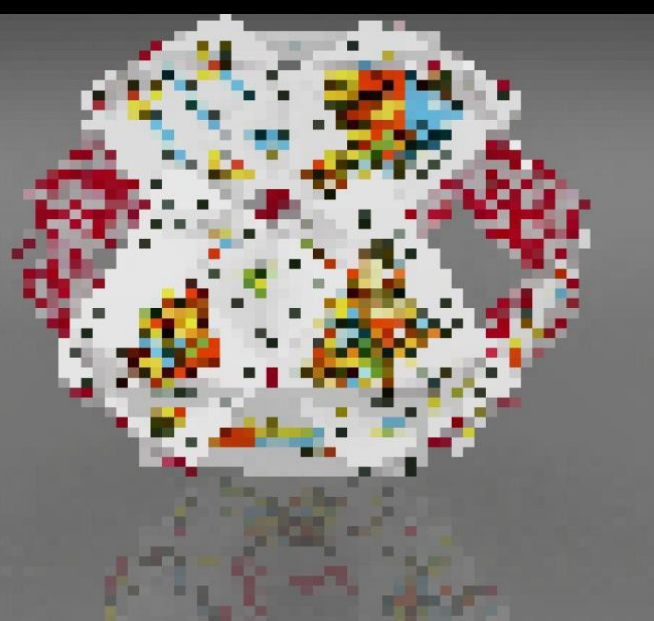
Behavioural economics

Policy/legislation implementation



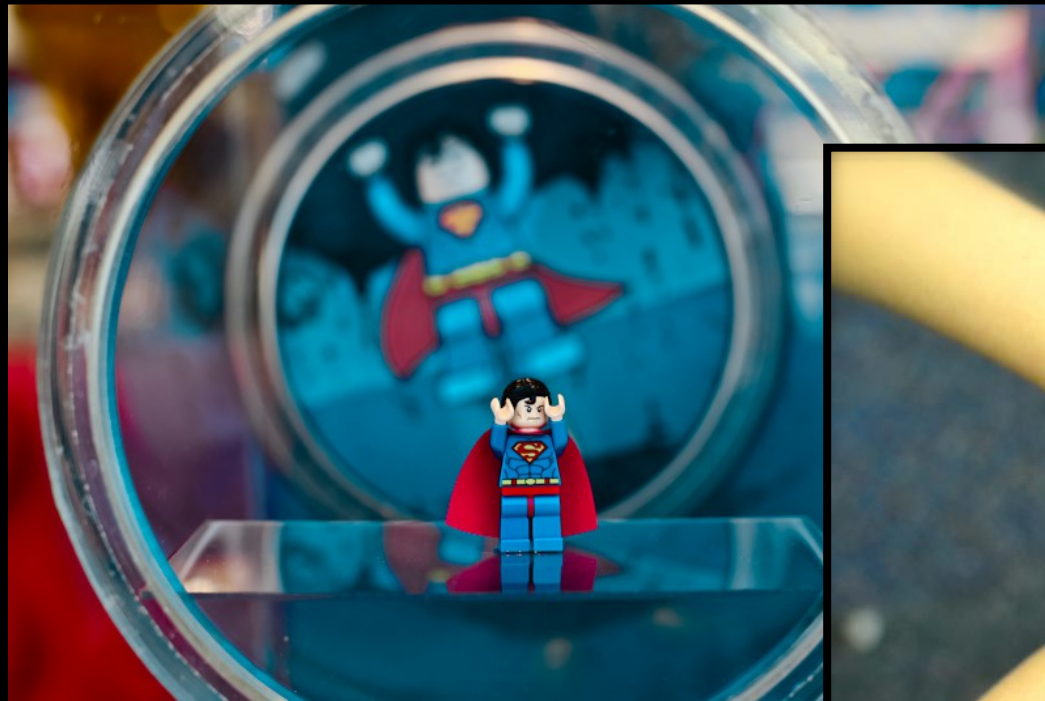


Whose code is it anyway?



# “It Takes Teams to Solve the Data Scientist Shortage”

*The Wall Street Journal, February 14 2014*







YOUR  
**GLOBAL VILLAGE**  
NEEDS **YOU!!**

“Open source... is actually not about code, but about connecting people around a shared vision. It’s about community building. It’s about collaboration.”

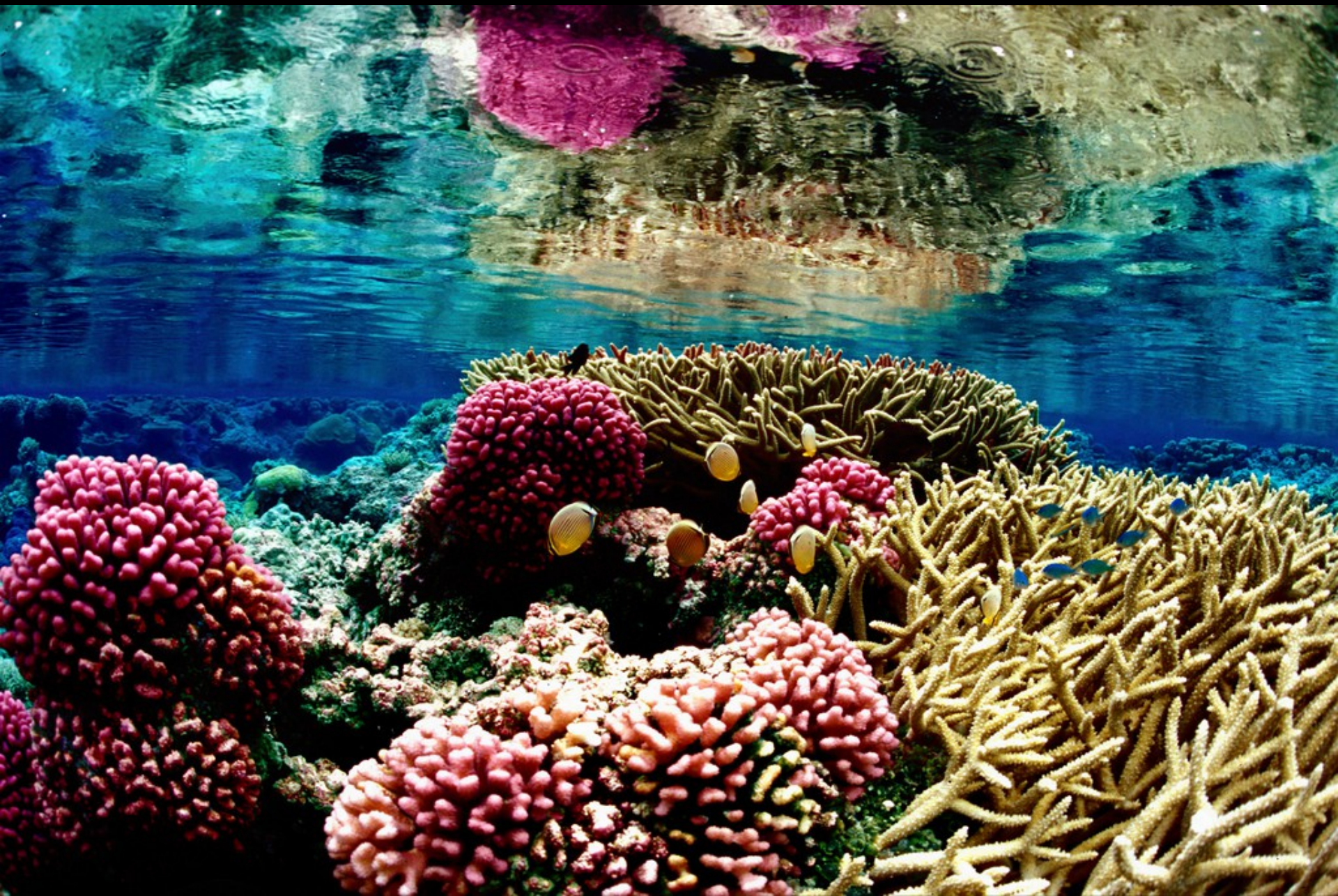
*Ben Balter*



“The chess board seemed to hold elaborate secrets waiting to be untangled”

*Amy Tan*







© David Yu photography

“The purpose of a storyteller is not to tell you how to think,  
but to give you questions to think upon.”

*Brandon Sanderson*





“Democracy is the government of the people,  
by the people, for the people”

*Abraham Lincoln*

# Acknowledgements





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'To learn letters I had a See 'n Say - my daughter uses an iPhone (and she's good at it)...' by clarkmaxwell

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