

What's Northern Ireland's
Biggest Problem?

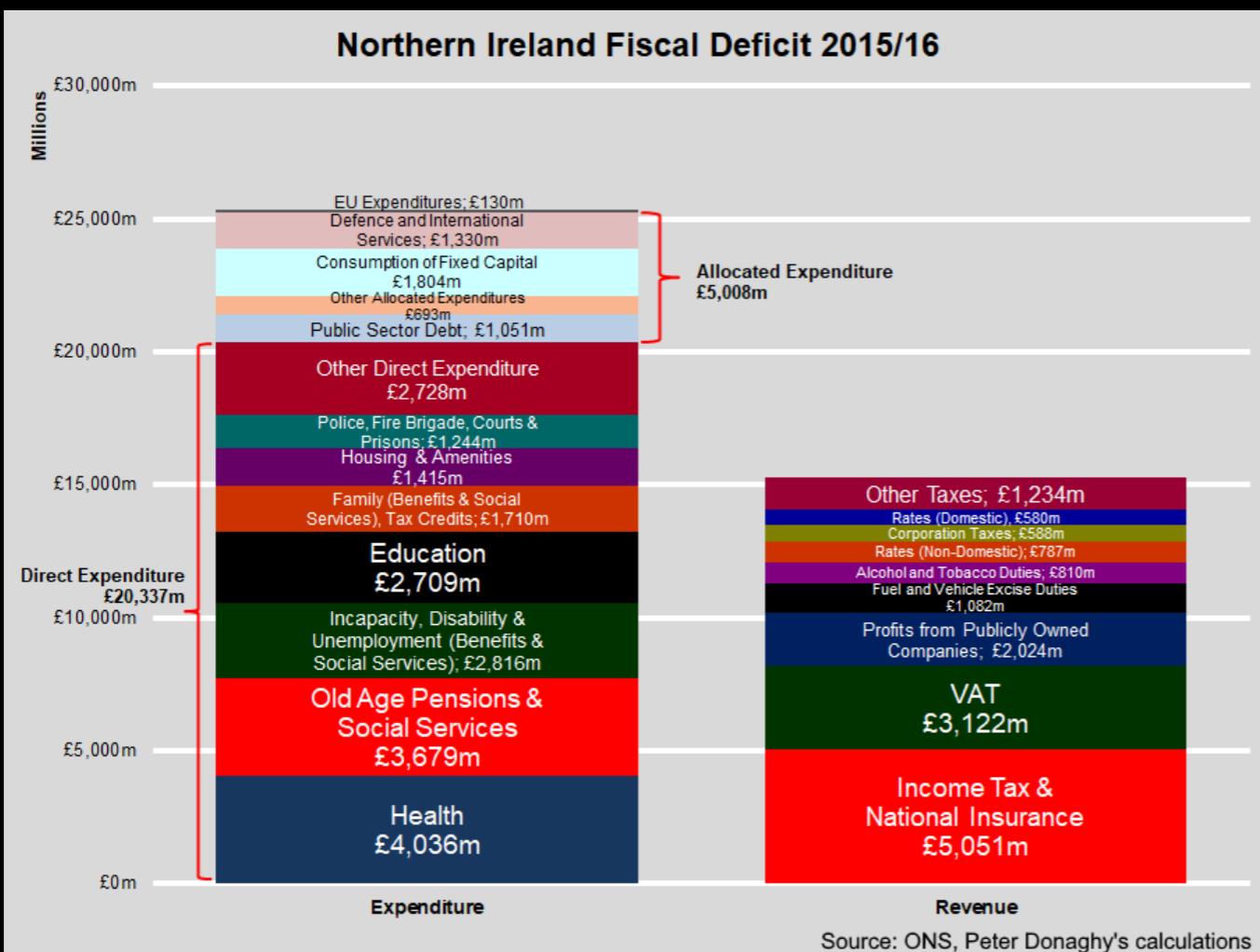
We spend more than we earn

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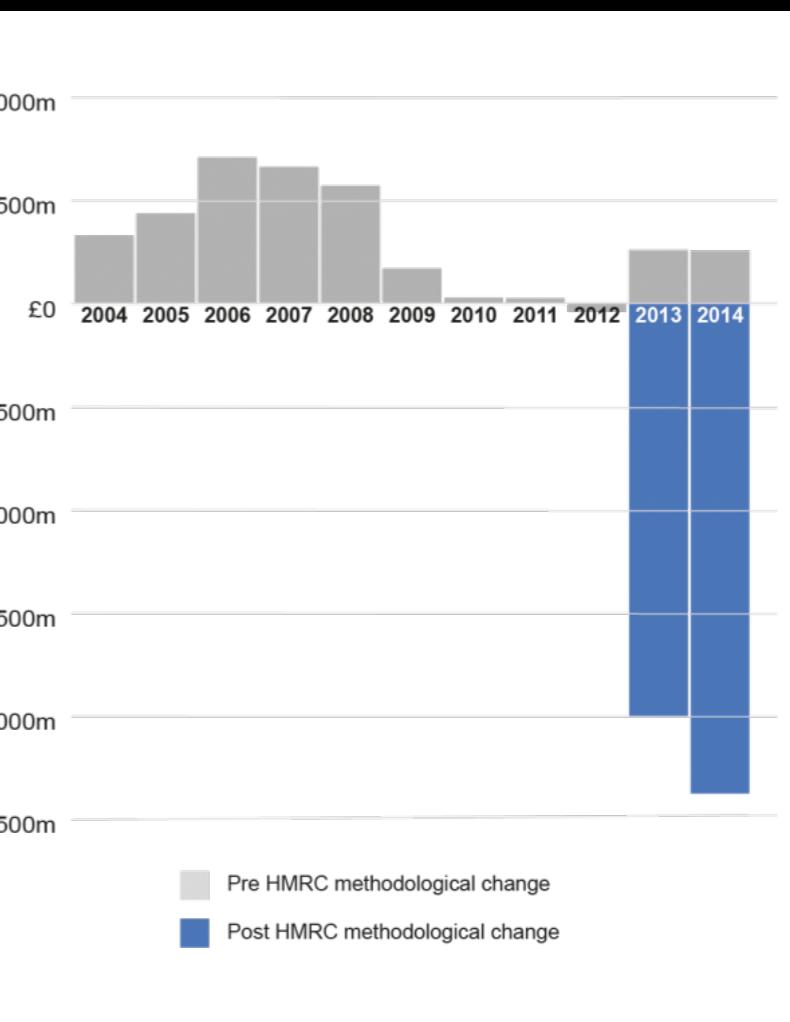
Northern Ireland is a burden on the rest of the UK. We can't let it get in the way of Brexit

Follow [▼](#) DAVID GREEN

10 OCTOBER 2019 · 6:13PM



Spending vs Taxes



Exports - Imports (EU)

How do we fix this?

We need a world leading business monopoly



How do we get one of those?

We need a few Zuckerbergs



What can Zuckerbergs do?

- Have **energy** and **focus**
- **Can solve any problem**, regardless of experience, efficiently
- Can identify **useful objectives without a boss**
- Can **build teams** and motivate others



We don't teach this

We teach people to be employees



Let's change that



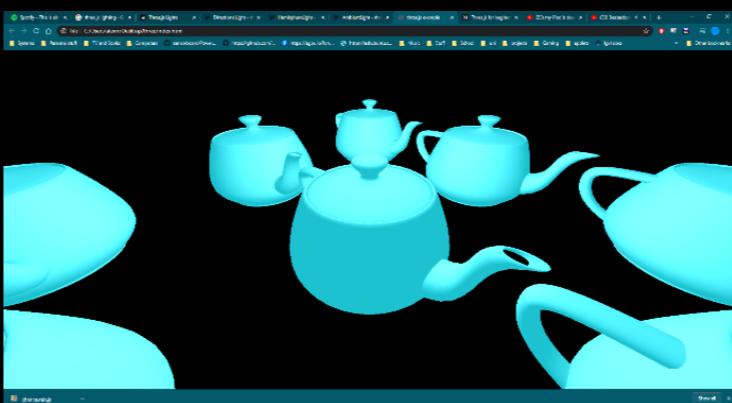
New 1st Year Module: Comp. Sci. Challenges

- Personalised intensive **coaching**
- **No teaching, lectures or labs:**
Students get marks for working it out themselves
- Marks for increasing their **energy** and **focus**
- Students get marks for finding a **better objective than** the one set by the **lecturer**
- Judged on **making something useful** not whether they do what they are told



3 Weeks of dev work later

- Students have **self taught** post-grad/PhD level technology
- Students have produced results that can **actually be used** by others to solve real problems
- Many on track to create **MEng-level final year projects** in half the time



NPCap Tutorial
By Barry Cheevers

HOME VISUAL STUDIO NPCAP SERVICE
OBTAIN DEVICE LIST SNIFFING PACKETS

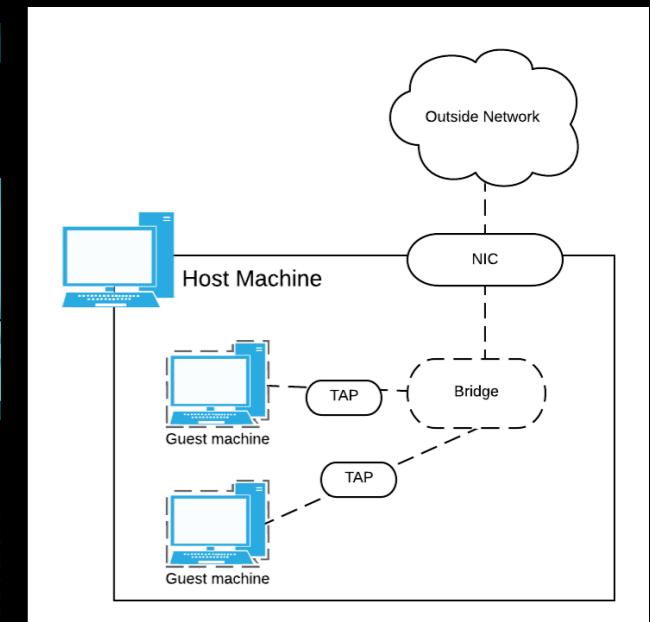
Welcome to my NPcap tutorial

Hello! In this tutorial we will be learning how to use NPcap, from install to configuration.

First of all, what is NPcap?

Npcap is a packet sniffing (and sending) library/architecture for Windows. It offers speed, portability, security, and efficiency. It is called sometimes referenced as a "Windows Wireshark".

NPcap interacts directly with your computer's networking hardware.



Robotic Arm Photogrammetry

by Ryan Stronge

This project is part of my coursework for the Computer Science Ch...
The goal for my project is to use a robotic arm which has already b...
The robotic arm was developed by Ryan McGovern and Ryan McC...

Contents

1 How-To Guide

- 1.1 Software Needed / Prerequisites
- 1.2 Setup Environment
- 1.3 Connecting to Robotic Arm
- 1.4 Web Interface Commands
- 1.5 Running Demos
- 1.6 Using Kinematics
- 1.7 Writing a demo

Future Modules

- Have **energy** and **focus**
- **Can solve any problem**, regardless of experience, efficiently
- Can identify **useful objectives without a boss**
- Can **build teams** and motivate others



Help us make this happen

- Join Qlab
- Participate in our **5 Day Development week Hackathons **25th-29th May****
- Join us during our **summer internships** (All Summer)
- **Convince the university** to let us make an entrepreneurship module ☺
- Email **j.bustard@qub.ac.uk**

