



STEM
LEARNING

Science

Technology

Engineering

Mathematics



i-STEM

Positive
Progress

filter nodes

Tell and Translate

Control the house

+

≡

inputs

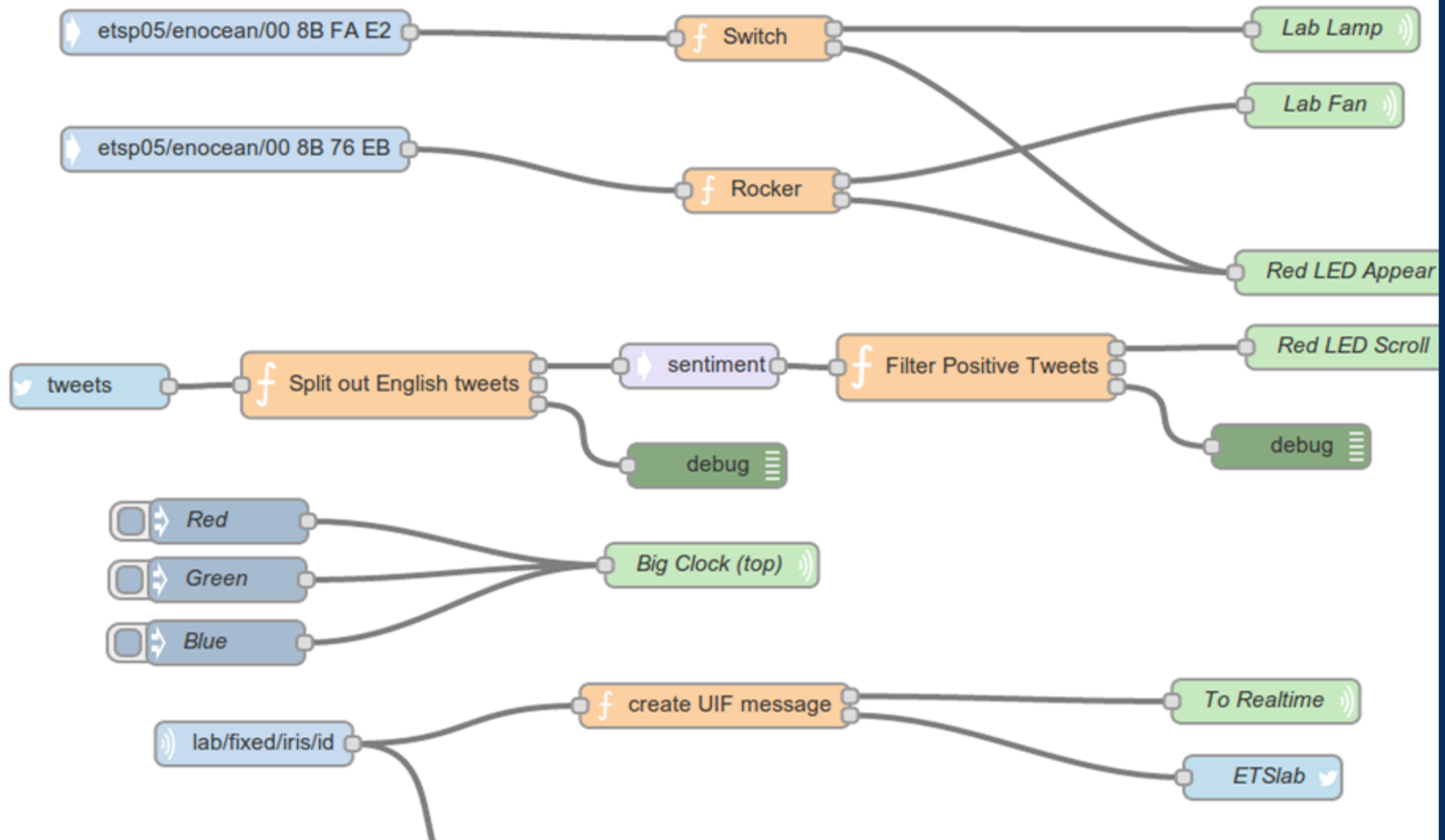
- mqtt
- inject
- http
- tail
- serial
- socket

outputs

- mqtt
- serial
- debug
- file
- socket
- notify

functions

- function



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**Halesowen College of Further Education
West Midlands**

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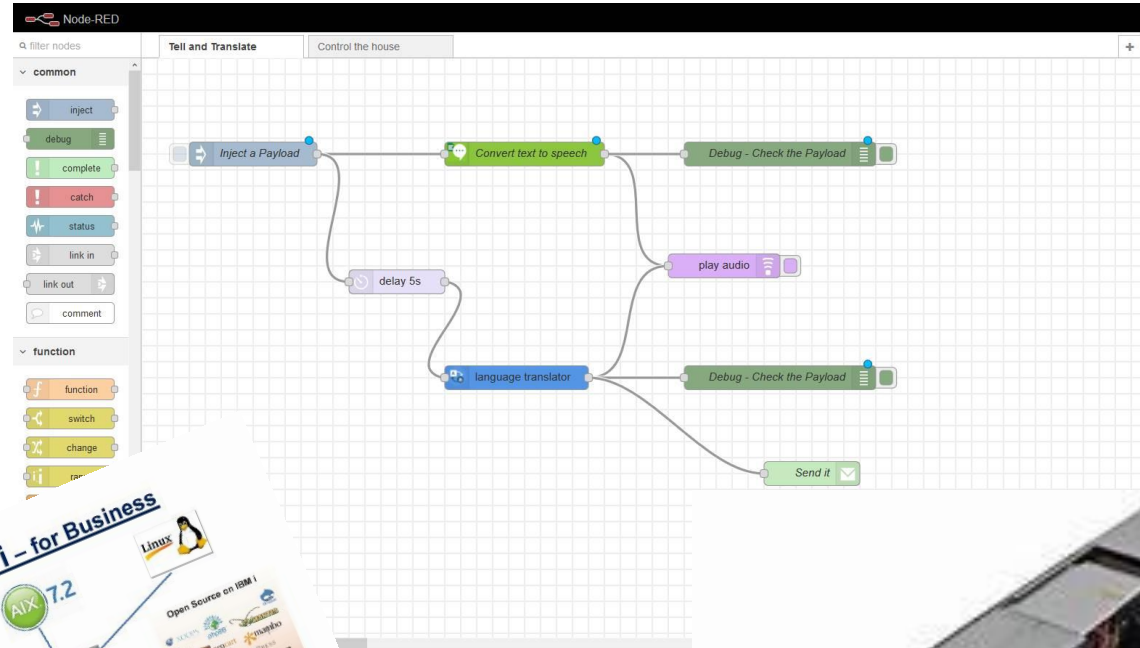
- Why?
- Because we were invited
 - Simple as that!
- After years of trying to work with colleges & universities - Finally through STEM we seem to have found a well established route.
- Everyone likes to feel wanted!

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What were we hoping to achieve?

What reaction would we get?

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IBM i - for Business

AIX 7.2

Linux

Open Source on IBM i

IBM POWER 9 Server

IBM i is an operating system that runs on Power Systems hardware from IBM - alongside AIX and Linux.

- The I stands for **integrated**.
- It is actually much more than an operating system - IBM i is a true feature-rich operating environment containing elements which you normally have to buy as extras with other operating systems.
- It is the most **secureable system** for business on the planet.
- **Continuous availability** has been a strong suit of IBM i for many years and gets stronger with every new release of the operating system.
- **Networking and connectivity** provides for the integration into the IBM i operating system itself - and integrated with this security features make it very flexible and powerful.
- **Db2 for i** is a relational database management system, fully integrated into the IBM i operating system. The database leverages IBM i functionality called single level storage: This means application developers do not have to manage where data is - whether it is in memory or whether it is in a database table.

Today IBM i continues serving the needs of thousands of businesses, large and small, around the world.

Importantly, this means that there are always **many job opportunities** for developers, administrators & engineers in the IBM i & POWER Systems market place.

i-UG is the UK's largest User Group for IBM i
www.i-ug.co.uk



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- What did we find out?
 - Little bit of interest from students
 - Lots of interest from staff & teachers
 - Lots of funding available for Apprenticeships....
 - Lots of opportunities for workplacements

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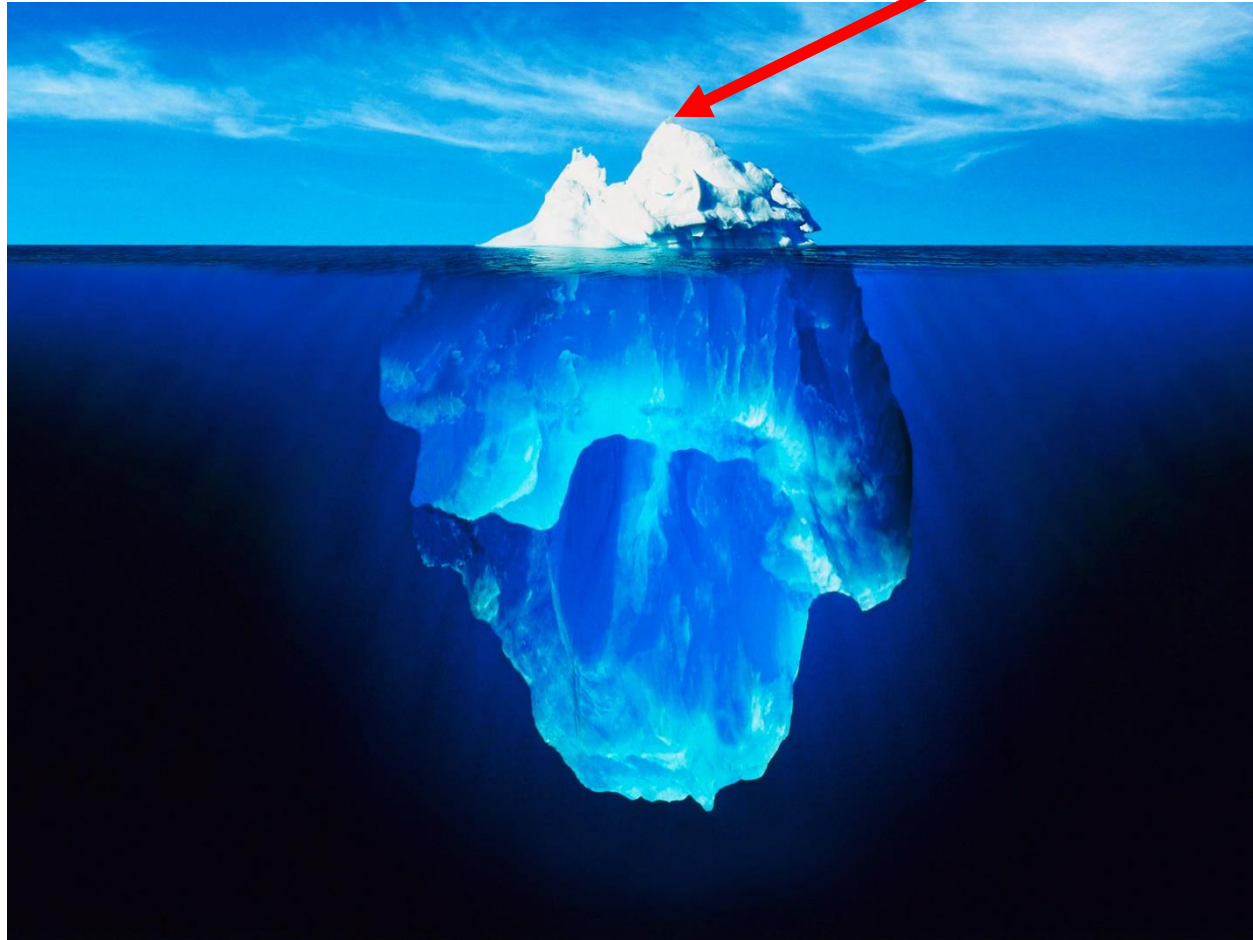
- If your company's gross salary bill is under £3 Million
 - Employer pays 5% of apprenticeships
 - Government funds 95%
- Over £3 Million wage bill
 - Funding can be taken from your 0.5% Apprenticeship Levy
 - + 10% top up from government.

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- Halesowen do 50 day work placements where students have specific days blocked out so they can attend each week and there can be an option to make up days during half terms/holidays.
- This is just one college!!!

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This is us !!!



i-UG_(UK)

Education . Information . Communication

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