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## DATA VIS - 221005 - ROBOTS

1        _I built a robot class_
2 3      _It means you can produce robots quite easily_
4 5 6 7  _And vary their characteristics_

    _I have programmed quite well behaved Robots_
a - _ATTENTION!_
j - _JUMP!_

### Let's interact to see what we have here ...
* - mouseover for names - _Ah, robot names_
* - click for long names - _Oh, they have long names too_
           _Can you see how they get their robot names?_

### But why are there only SEVEN?
m - _Oh, they have friends : one for everyone in BootCamp_
p - position

### OK - line yourselves up Robots!
m - off
p - _WHEELS DOWN!_

### Hang on - we have a hot robot, seems a little overworked ...
* - hot Robot - overheating! _understandable - very busy_

### Now - they all seem to have different characteristics ...
_can you work them out?_
* - Different characteristics
  - size **Can You Work It Out** *LONG NAMES**
  - shape - staff/student
  - arial number, height, bobble size
  - eye size, distance, blink speed
  - jump height, jump delay
  - speed of movement, foot size
g - _add colour_ - to see GROUP

### They also have behaviours - methods allow us to encode characteristics
j - **sons** _jump_
f - **daughters** _floss_

### OK ...
m - _LET'S MOVE!_
mp - _AND BACK!_

### PROBLEM _unfinished and respond badly to noise_     z, m, Z, m

### I hope you can see that this is a **DATA MIRROR**
397  _228 of us looking at (some aspects of) 228 of us_   397     465
 _I'd like it to **inspire** you :_
  * _to use data in imaginative & revealing ways_
  * _and to build classes of things that will be useful in your sketches_

### Prepare for tomorrow with **SOUND**

f - _one more floss_
h - _off you go!_
    _Robots and Students_
    **CLASS TIME - 10:00**
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