



# OCCAM

A software archaeology presentation

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MOC2

# IN THE BEGINNING THERE WAS THE TRANSPUTER

- A general purpose microprocessor built specifically for parallel computing
- First released in 1984, shut down around 1989
- Was used for image processing, data acquisition, virtual reality, and even in space





# THE LEGACY: OCCAM

- An imperative programming language developed by INMOS to match their transputer's capabilities
- Built in parallelism and message passing between independent processes
- Pretty low level, comparable to early C

# ARCHAEOLOGY: A WHINE

- One modern-ish version of Occam, the Kent Retargetable occam Compiler
- OS X build requires installing an old version of Apple's GCC, compiling an old version of LLVM with it, and only then compiling the occam compiler
- Linux build only works out of the box with an Ubuntu from 2011
- Windows... XP... is supported

