Yhc:
Past, Present, Future

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The Past

- **Started by Tom, fork of nhc**
  - **He didn't tell anyone!**
- **Some students found out**
  - **Me, Andrew, Mike, Bob**
  - **Started helping – seemed fun**
- **Never an official York project**

The Present

- **Merging back with nhc**
  - **Malcolm has shared the compiler**
- **Yhc.Core**
  - **A very capable library**
  - **Free variables, boilerplate removal…**
  - **Central part of my PhD**
- **Optimisation**
  - **The only optimising compiler which can't do optimisation**

The Present (2)

- **Yhc.ByteCode**
  - A nice library for bytecode
- **Ycr2js – Javascript back end**
  - Thanks to Dimitry
- **Flash bytecode**
- **Java backend**
- **PDA ports, Lego Mindstorms**

The Future

- **Stronger libraries (like Parser)**
- **Better front end**
  - **nhc stuff is "very crusty"**
  - **Needs rewriting from scratch (Qhc?)**
- **Support for base/Cabal**
- **Scons – a source of pain**
  - **Scons/make/Cabal – none are pleasant**
- **v1.0 Release!**