

Are we close to open models? Barriers to Success

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Barrier 1: Media Influence



"BBC plans to get nation coding"

On 8 Oct 2013, BBC director general Tony Hall outlines his plans to get Britain coding in 2015

"BBC will help to bring coding into every home, business and school in the UK"

http://www.bbc.co.uk/news/technology-24446046

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Barrier 2: Government Policy on School Curriculum



From September 2014 school children in England will start learning coding from the age of five

"Children given chance to learn to write computer code" http://www.bbc.co.uk/news/uk-23663350

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Barrier 3: Technology World

- Paradigm shift from modelling to coding

 Gap between models and software systems
 Gap between modellers and coders
- Lack of technology and methodology support for full scale of MDD or round trip of software engineering
- Some tech companies only recognise coding – Google hires coders, not modellers
 - "Coding skills help geeks get top tables"
- Open source community

Success Factors to Open Models

- Overcome those three barriers
- Establish solid foundations for models and modelling
- Make advancement on modelling technologies and methodologies
 - Establishing modelling standards
 - Support for round trip model driven development: from textual specification to model to code and backwards
 - Support for quality, usability and interoperability of models and modelling tools
 - Provide user support, version control, documentation, etc, similar to OS