

# Axi Design Musings

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# Intro

The purpose of this presentation is to discuss Axi design in an informal setting. I want to bring some important considerations to the participants' collective consciousness and ponder them loosely, without getting into much technical detail.

# Plan of the presentation

- Why languages have layers.
- Do we need Axi?
- The programming layer.
- The logical layer.
- The tactic layer.
- The module layer.
- Languages features.

# Why English is a bad logical system

This sentence is false.

Is the above sentence true or false? If we assume it is false, then apparently it tells the truth about itself, so it is true... but if we assume it is true, then it lies about itself, so it is false.

This situation is deeply problematic – it demonstrates that the English language doesn't fit into the confines of classical logic. We could try to analyze it as fitting some other kind of logical system, but alas, that would also fail – Gödel put on our philosopher hats and try to escape the problem by