

The Whacky World of Undefined Behaviour

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What is this Talk about?

Undefined behaviour! With a smack of LLVM.

We'll cover things like:

- What is undefined behaviour?
- What happens when you encounter UB?
- How is UB useful? Should we avoid it?
 - ▶ Optimizations?
- UB in LLVM (and indeterminate values)
- How this all fits into Vellvm

Not for anything in particular! It's just a fun topic, and hopefully talking about it will clarify some things for myself and you!

What is undefined behaviour (UB)?

It's behaviour...

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That's undefined.

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It's behaviour...

That's undefined.

Done.

Whirlwind introduction, so you probably have many!

References



In: ().



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These are all good resources! You should look at them!