



THE UNIVERSITY
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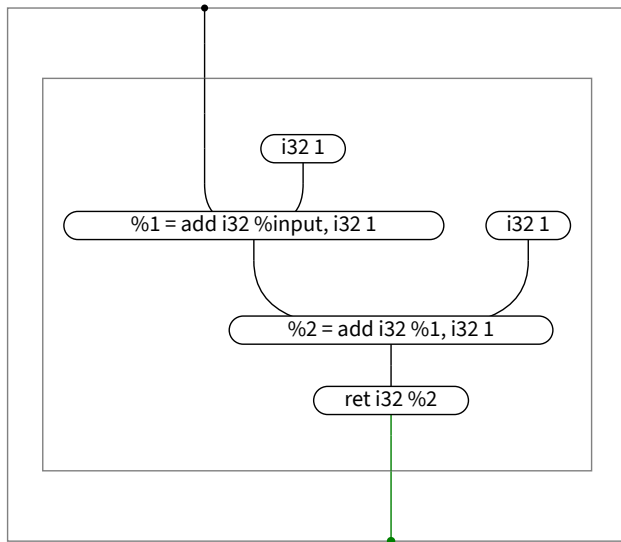
sd-visualiser: Interactive graph visualisation for SSA-based IRs

Alex Rice, Nick Hu, Calin Tataru

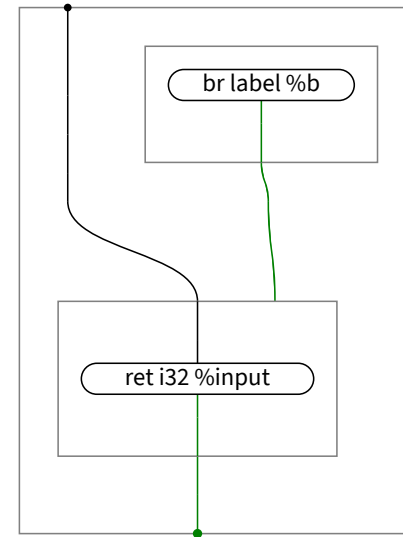
EuroLLVM 2025

Intermediate representations as a graph

Data flow

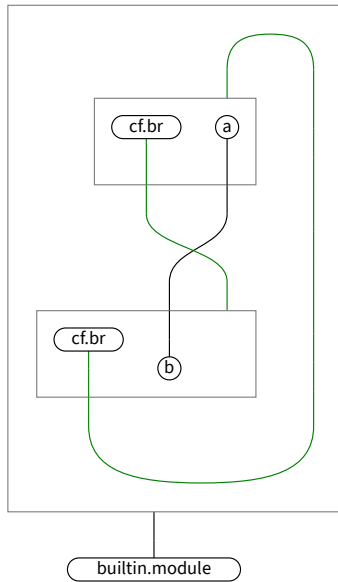


Control flow

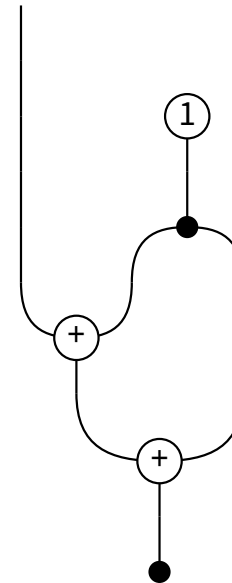


Representing IR features

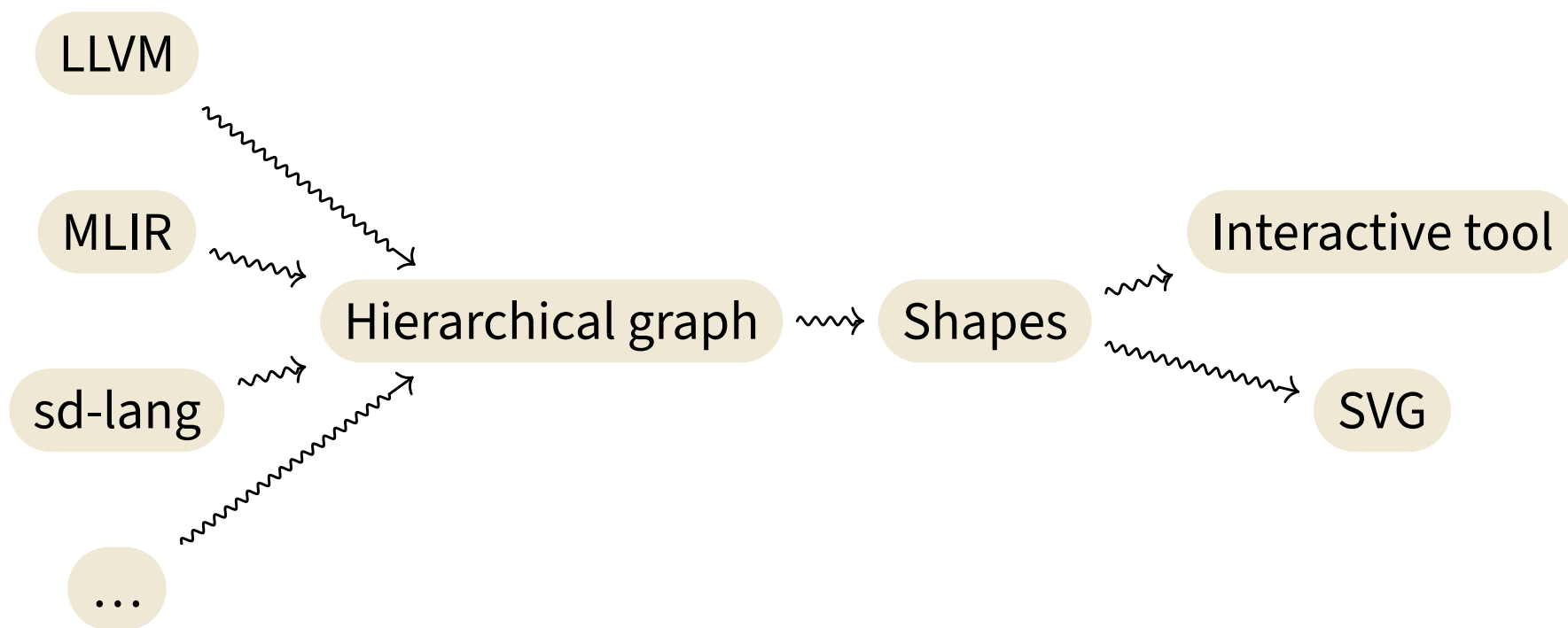
Blocks and regions



Copying and deletion

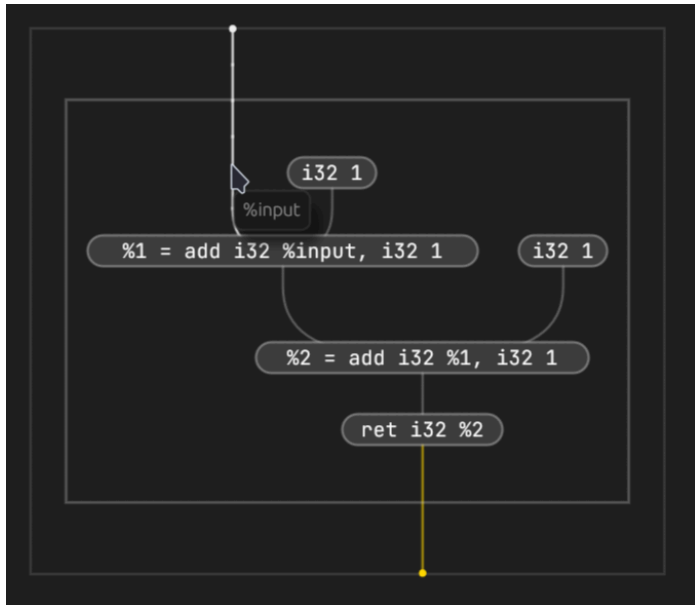


Visualising IRs

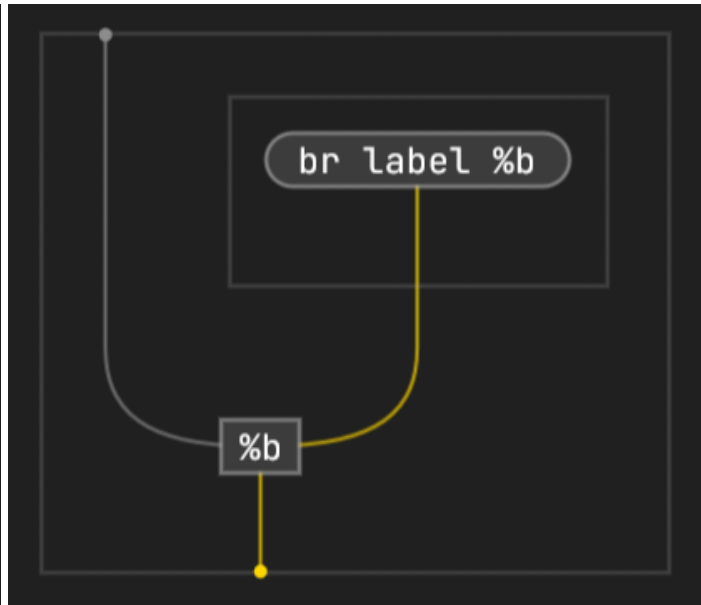


Interactive features

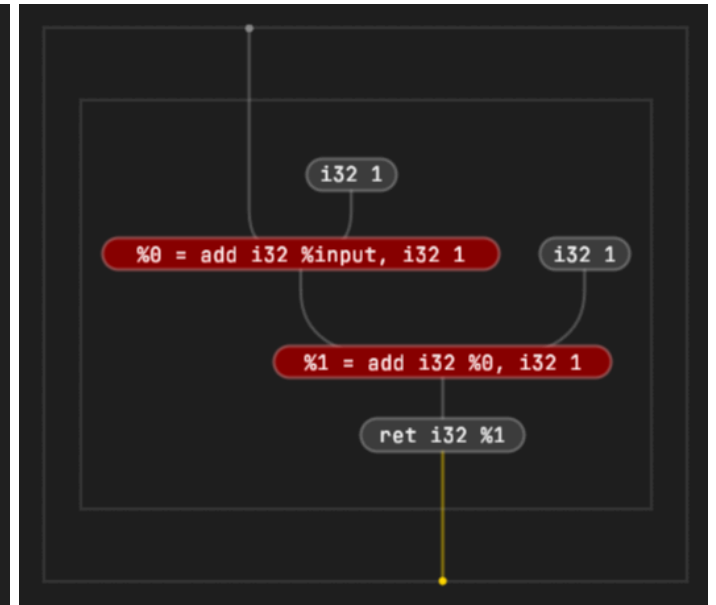
Highlighting



Collapsing



Searching



Try the tool today!

<https://sd-visualiser.github.io/sd-visualiser>

