

Summary and next steps

We hope you have enjoyed the tutorial....

- Using Python we have explored the major aspects of MLIR
 - Dialects and transformations
 - Concepts such as operators, operations, attributes, regions, and SSA
- Seen how MLIR promotes reuse by mixing dialects and lowering between them



- xDSL enables us to develop MLIR dialects and transformations quickly and (fairly) easily
- Resulting in LLVM-IR that exploits the wider LLVM ecosystem
- Resulting in binary executables that will run on a variety of targets



Taking things forward

- We have an active community around xDSL and it would be great to see you get involved in this if you are interested
 - <https://xdsl.dev/> - The xDSL website with general information
 - <https://github.com/xdslproject/xdsl> - The xDSL repository, with tutorials and examples (in the docs folder)
 - <https://xdsl.zulipchat.com/> - The xDSL online chat, where we can answer any questions going forwards and continue discussions
- The guest accounts on ARCHER2 will remain open for the next few days, so feel free to continue working on the exercises
 - And ask us any questions in the Zulip chat!