

What are the interfaces between levels of a compiler?

Data structures and abstract data types.

What are *intermediate representations*?

How are they specified?

A data structure, typically a tree, of the program being compiled.

With grammars.

What is a *straight-line program*?

A program without loops and conditionals.

Grammars can be represented how in ML?

Using the `datatype` declaration. One declaration per type.
One constructor in the declaration per rule.

Why should structure abbreviations be preferred over `open` statements?

They increase modularity. You do not need to look outside the file to determine where a symbol comes from.