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C# Source Generators - let the machine do the programming

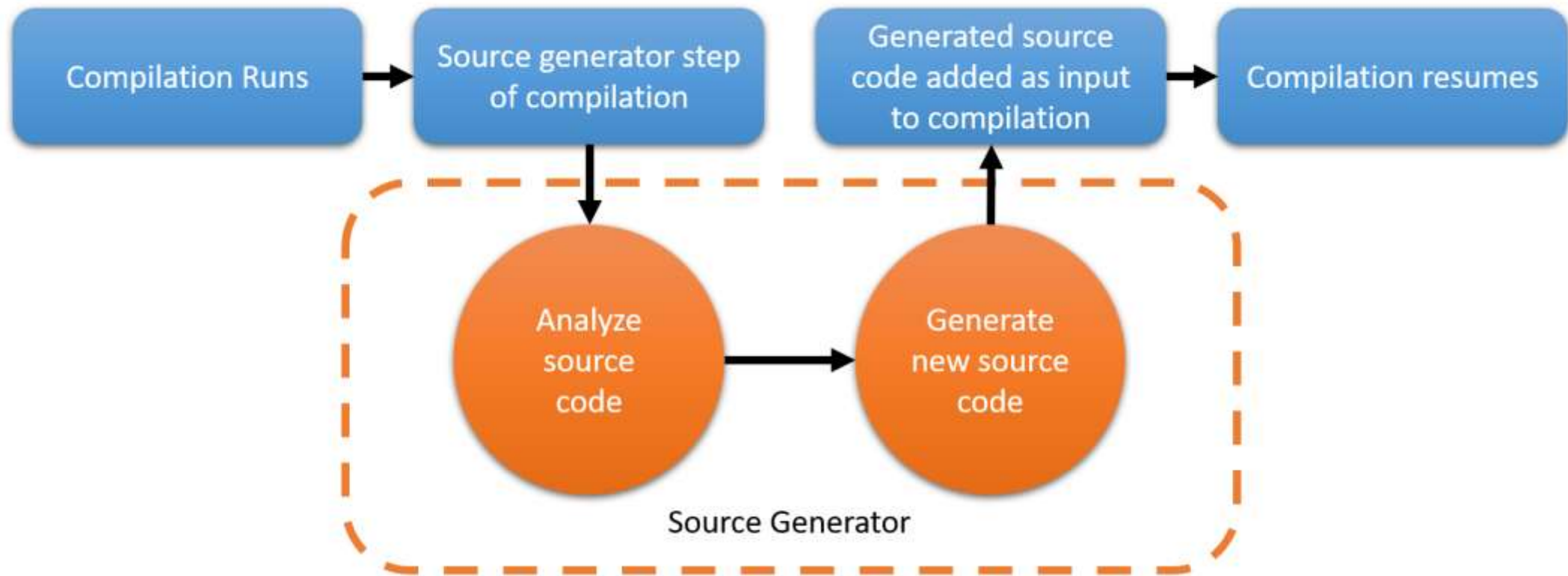
C# 9 source generators

Metaprogramming during compilation

Code generation

Side step during compilation

C# 9 source generators



C# 9 source generators

“Reflection” pre-generation

Zero-alloc parsers

XML, JSON, ...

Strongly typed APIs

“Dummy”/combinational overloads

P/Invoke

C# 9 source generators

Only additive

cannot modify code

No order

Can add diagnostics (warnings)

Can use Additional Files

Obviously C# files too

Demo

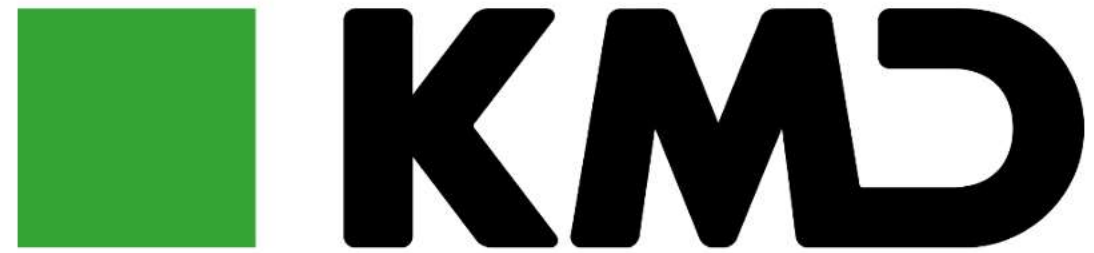


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