

./clang-talk

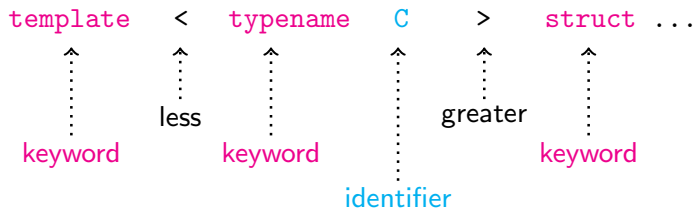


```
template<typename C>
struct L {
    char a();
    void n(int) const;
    bool g;
};
```

Clang: Lexer

```
template < typename C > struct ...
```

Clang: Lexer



Clang: Parser

Clang: Parser

```
void n ( int arg = 42 ) const ;
```

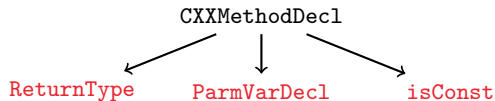
Clang: Parser

```
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```

```
CXXMethodDecl
```

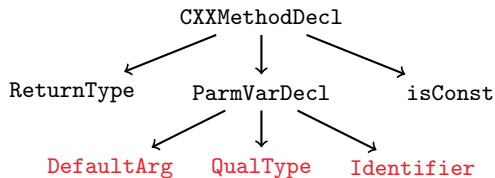
Clang: Parser

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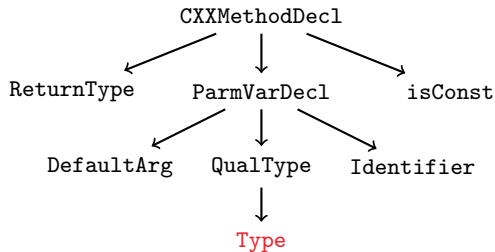
Clang: Parser

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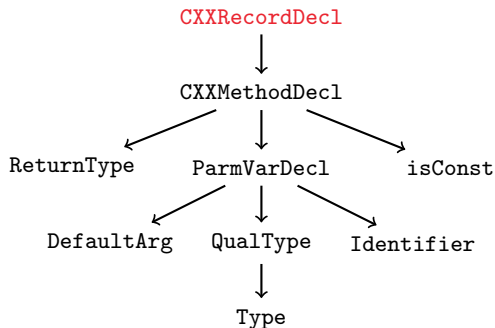
Clang: Parser

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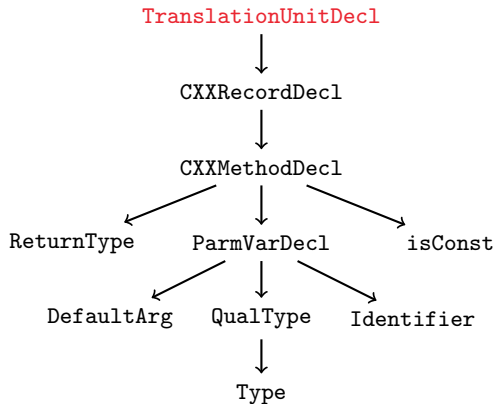
Clang: Parser

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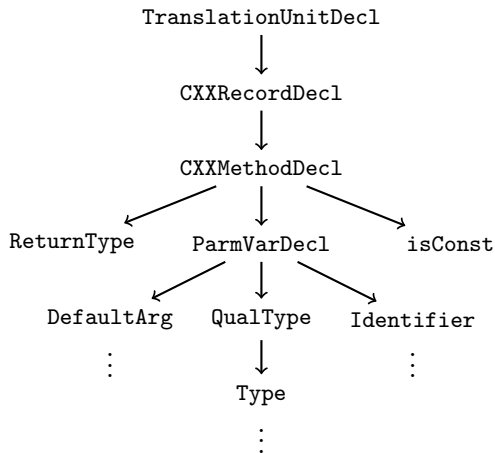
Clang: Parser

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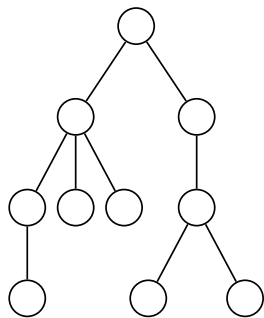
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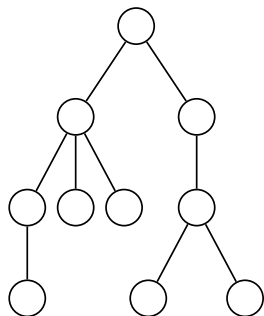
Clang: IR Generation

Clang: IR Generation



AST

Clang: IR Generation



AST



```
; Function Attrs: nounwind ssp
define i32 @_Z1fi(i32) #0 {
    %2 = alloca i32, align 4
    store i32 %0, i32* %2, align 4
    %3 = load i32, i32* %2, align 4
    ret i32 %3
}
```