

# Progtran Paper Outline

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## **1 Abstract**

Progran is an attempt to build a multi-language source-to-source compiler. Ideally, one will be able to convert programs in one language to programs in another without a loss in readability. This will allow for more user flexibility. For example, Python syntax is generally easier to understand than C++'s, but if one can translate Python to C++, then one can have both benefits. Progran is an investigation into the feasibility of such conversions.

## **2 Introduction**

## **3 Methods**

### **3.1 Grammars**

### **3.2 Constructors**

### **3.3 AST Transformations**

## **4 Results**