

**编译器构造实验实验报告**

题目 Title ：编译器构造实验

院系 Department ：计算机学院

专业 Major ：计算机科学与技术

学生姓名 Name ：唐晨轩

学号 Student No. ：19335182

目录

### **[实验要求](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "%E4%B8%80%E5%AE%9E%E9%AA%8C%E8%A6%81%E6%B1%82)**

### **[提交内容](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "%E4%BA%8C%E6%8F%90%E4%BA%A4%E5%86%85%E5%AE%B9)**

### **[实验目的](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "%E4%B8%89%E5%AE%9E%E9%AA%8C%E7%9B%AE%E7%9A%84)**

### **[实验内容](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "%E5%9B%9B%E5%AE%9E%E9%AA%8C%E5%86%85%E5%AE%B9)**

###### **[编译器总体框架设计](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "1-%E7%BC%96%E8%AF%91%E5%99%A8%E6%80%BB%E4%BD%93%E6%A1%86%E6%9E%B6%E8%AE%BE%E8%AE%A1)**

###### **[具体设计](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "2-%E5%85%B7%E4%BD%93%E8%AE%BE%E8%AE%A1)**

1. **[词法分析器](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "21-%E8%AF%8D%E6%B3%95%E5%88%86%E6%9E%90%E5%99%A8)**
2. **[语法分析器](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "22-%E8%AF%AD%E6%B3%95%E5%88%86%E6%9E%90%E5%99%A8)**
3. **[中间代码及目标代码生成](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "23-%E4%B8%AD%E9%97%B4%E4%BB%A3%E7%A0%81%E5%8F%8A%E7%9B%AE%E6%A0%87%E4%BB%A3%E7%A0%81%E7%94%9F%E6%88%90)**

###### **[结果部分](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "4-%E7%BB%93%E6%9E%9C%E9%83%A8%E5%88%86)**

### **[实验感想](D:/%E8%AF%BE%E7%A8%8B/%E7%BC%96%E8%AF%91%E5%8E%9F%E7%90%86&%E5%AE%9E%E9%AA%8C/LAB/%E5%A4%A7%E4%BD%9C%E4%B8%9A/doc/19335182_%E5%94%90%E6%99%A8%E8%BD%A9_%E7%BC%96%E8%AF%91%E5%99%A8%E6%9E%84%E9%80%A0%E5%AE%9E%E9%AA%8C.md" \l "%E4%BA%94%E5%AE%9E%E9%AA%8C%E6%84%9F%E6%83%B3)**