Bachelor Thesis

A Static Type Inference for Python 3

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I confirm that this bachelor thesis is my own work and I have documented all sources and material used.

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Acknowledgments

Abstract

Contents

1 Introduction

1.1 Section

Citation test [Lam94].

1.1.1 Subsection

See Table 1.1, Figure 1.1, Figure 1.2, Figure 1.3.

Table 1.1: An example for a simple table.

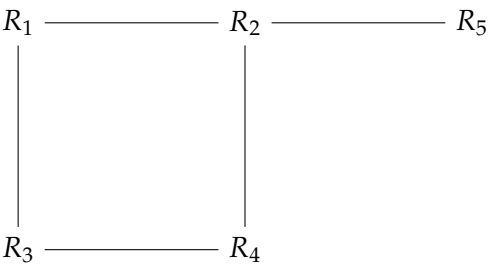| A	B	C	D
1	2	1	2
2	3	2	3

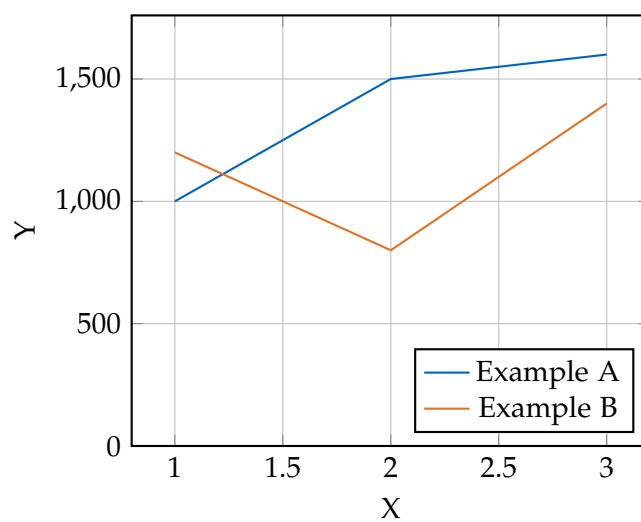Figure 1.1: An example for a simple drawing.

Figure 1.2: An example for a simple plot.

```
SELECT * FROM tbl WHERE tbl.str = "str"
```

Figure 1.3: An example for a source code listing.

2 Background Information

2.1 Dynamic Typing and Static Typing

3 Type System

4 Type Inference

5 Evaluation

6 Future Work

7 Conclusion

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Bibliography

[Lam94]   L. Lamport. *LaTeX : A Documentation Preparation System User's Guide and Reference Manual*. Addison-Wesley Professional, 1994.