University of Southern Denmark

Department of Mathematics and Computer Science

SPDM801: Master's thesis in Computer Science

A tool for eliciting patterns in microservice architectures written in Jolie

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Abstract

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Contents

Chapter 1

Introduction

In this introductory chapter, I will go into the motivation behind the thesis.

1.1 Motivation

1.2 Scope & Aim

Chapter 2

Preliminaries

This chapter will provide a context for the thesis. The reader will be able to gain the necessary background knowledge in order to understand the purpose of the thesis and why it can be useful for developing Jolie applications. This essentially builds on the motivation described in the previous chapter.

This chapter will describe some of the relevant definitions of the microservice architecture paradigm, as well as provide the reader with a quick overview of the Jolie programming language, and what other similar tools exist both for Jolie and other programming languages.

2.1 Microservice Architecture

2.2 Jolie

2.3 Current Tools

Chapter 3

Chapter

3.1 Section

`service S`

```
1 service {}
```
Jolie

`[] == ""`

```
1 function f() { return 5; }
```
JavaScript

Title goes here!

```
1 service {}
```
Jolie

Listing 3.1: Caption goes here!

```
1 service {}
```
Jolie

Listing 3.1
[1]