

# DM848: Microservice Programming

## Sandboxed Interpreter for Interactive Code Execution

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### **1 Introduction**

When learning a new programming language, it is often useful to have a environment where the learner can execute code, quick and easy without having to worry about breaking the execution environment or installing new software locally.

In this report we will describe the design and implementation of a cloud server, for executing JOLIE code, embedded using the popular virtualization application DOCKER.

### **2 Preliminaries**

### **3 Technical Description**

### **4 Related Work and Discussion**