HW2 Report, Rudy: A Small Routing Protocol

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1 Introduction

Summary of the work you've done, what are the topics we cover in this seminar, etc. Remember that you should deliver this report at the start of the seminar.

What is the main topic related to distributed systems covered in this seminar? Why is it important?

2 Main problems and solutions

2.1 Module Based Approach

2.2 Debugging Final Implementation

2.3 Duplicate Updates and Broadcasts

Summarize your problems, proposed solutions, etc. You do not need to copy&paste your code. Only if needed, you may write down small code snipeds to show how you have solved a specific problem/question.

Did you find any specific problem with the development of your solution? How did you solve it?

```
this(X) ->
    Y = is(X),
    a(test(Y)).
```

3 Evaluation

To efficiently evaluate and debug the implementation, a testing module to set up multiple nodes, their connections, and messaging across different countries (machines) was created. Figure 1 shows the complete testing environment.
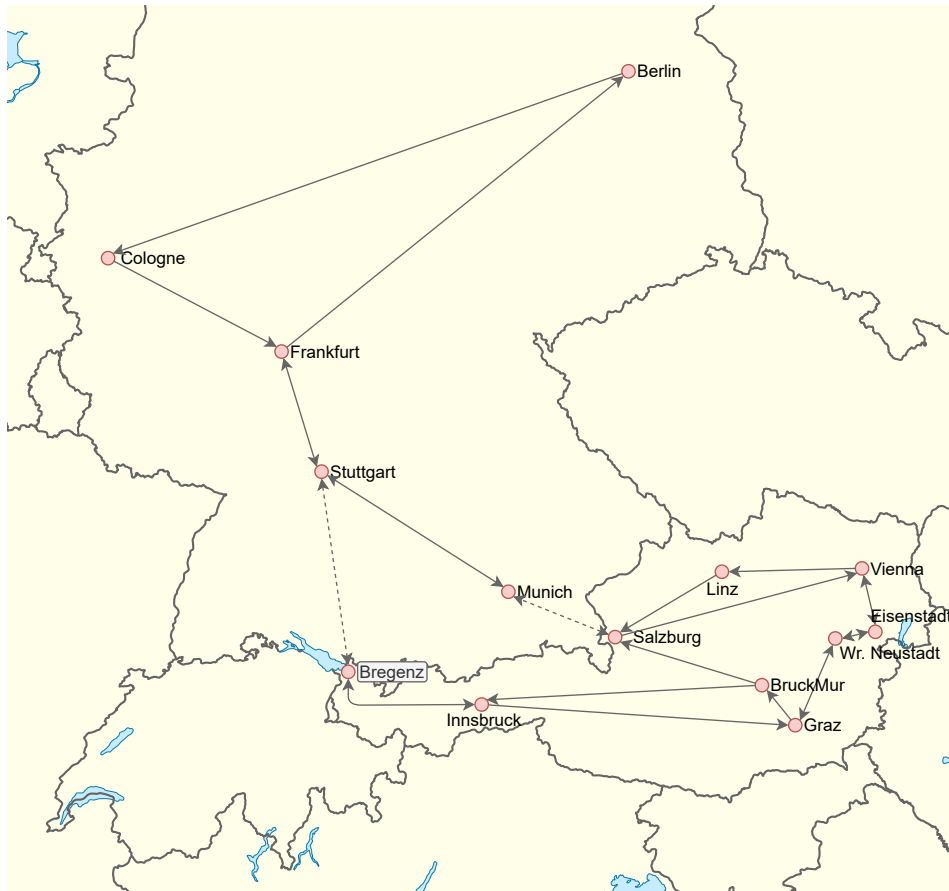
Figure 1: Map of routers used for evaluation

4   Conclusions

What have you learnt from the problem presented? Was it useful?