

# Report X: Homework Report Template

Your name

August 29, 2016

## 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

*Summarize your problems, proposed solutions, etc. You do not need to copy&paste your code. Only if needed, you may write down small code snippets 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?

If you want to give a code example you can do it using the verbatim environment.

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

## 3 Evaluation

*If needed, you may provide figures or tables with main results evaluating your proposals. For each seminar, we will provide you with some guidance on which kind of evaluation you should do.*

And Figures 1 and ?? shows how to add a figure with some results. These figures have been created with gnuplot. There are tons of different kinds of plots that can be generated with gnuplot. Make sure to check out <http://gnuplot.info/demo/> and look at them so you can see what can you do with this program.

To obtain these figures you have to:

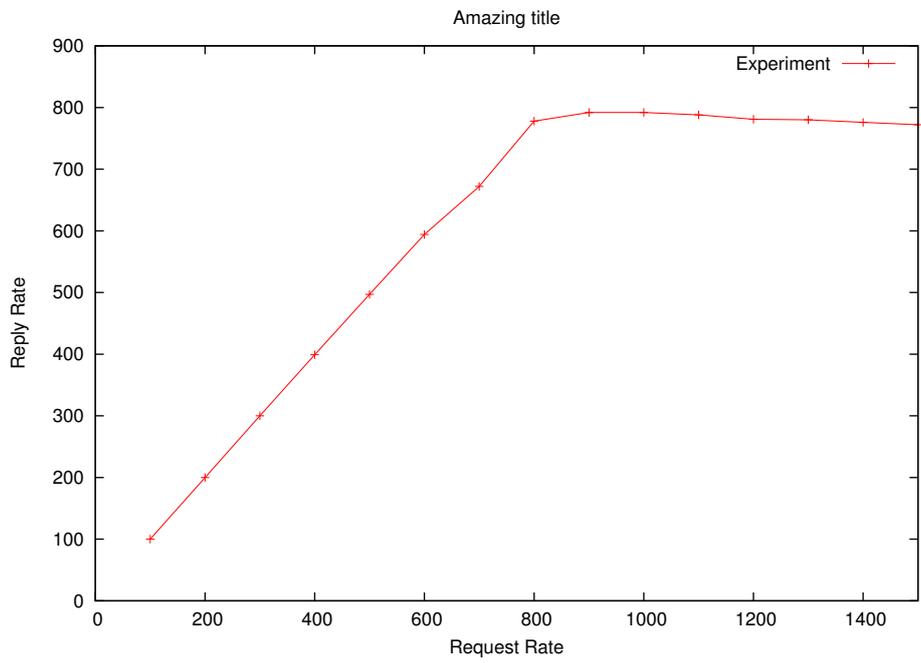


Figure 1: Some random results 1

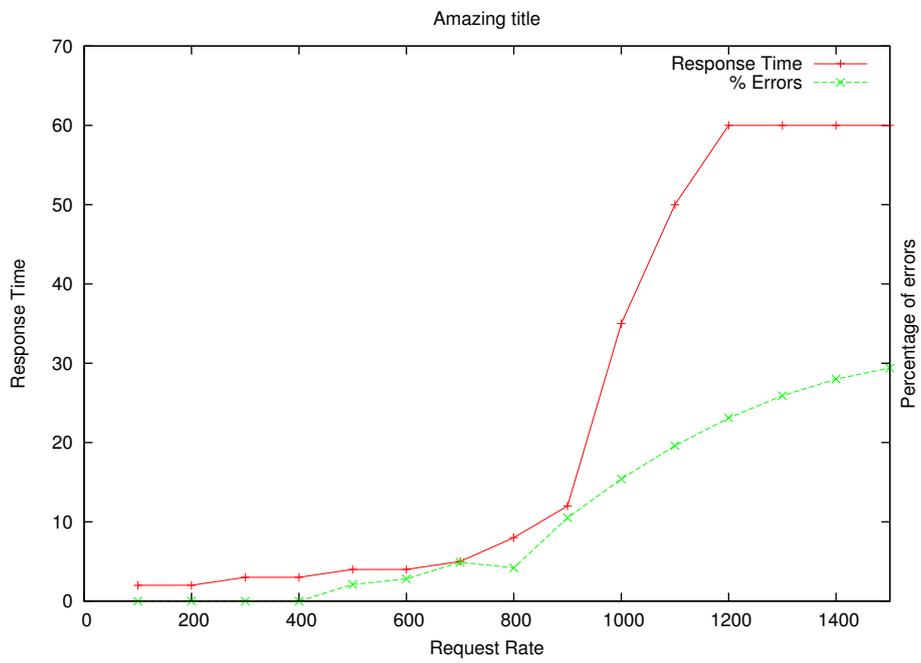


Figure 2: Some random results 2

1. Create the data file from the experiments (look at file `experiment.dat`)
2. Create a gnuplot file to create a figure in eps format (look at files `results1.plot` and `results2.plot`). These files may be very complex. But for the results we want to show, these examples are enough. To create the eps figures, execute in terminal:

```
$> gnuplot results1.plot
```

3. As `pdflatex` does not recognize eps files, you must convert them to pdf files. This is done by (it will generate a file `results1.pdf`):

```
$> epstopdf results1.eps
```

4. That's it! Just include the figure as shown in this template and compile the latex as explained in the document "Introduction to  $\text{\LaTeX} 2_{\epsilon}$ ".

If you want, you can also create a table of results as Table 1. If you look at the template code, you will see how to do a table in  $\text{\LaTeX}$ .

First column	Second column	Third column
Case 1	1.1	1.2
Case 2	2.1	2.2
Case 3	3.1	3.2

Table 1: Some random results in a table

## 4 Conclusions

*Change the layout of this template as you want. It's only for your guidance but if you feel that you need a different structure, feel free to change it. The report should not be too long ( $\approx$  2-3 pages).*

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