MiniZinc

The important parts:

- Declarative language!
- Do not try to write algorithms to the solve problems!
- Takes some time to get used to.
- Read the MiniZinc tutorial\(^1\) and slides (remember that you cannot use Pierre’s “future MiniZinc” from the introduction).

\(^1\)http://www.minizinc.org/tutorial/minizinc-tute.pdf
Writing MiniZinc:
- There is syntax highlighting for Sublime and Emacs.
- You can also use the official MiniZinc IDE.²

²http://www.minizinc.org/software.html
Running MiniZinc on the Linux Machines

If you are not already logged into one of the departments linux machines (thinlinc), then you can connect using ssh using a terminal on your Mac or Linux machine:

> ssh -Y username@siegbahn.it.uu.se

where username is your linux account name and > is not part of the command.
You will be prompted to input a password, use your Password A.

Note that you do not have to do this step if you are already using a computer in the computer lab. If you do not like working with the command line, we recommend that you either install the MiniZincIDE on your laptop or work in the computer lab.
Running MiniZinc on the Linux Machines

Assuming that you are now in the computer lab using one of the linux machines, or that you are connected through ssh, you can now perform a local install for your account. Go to the course folder the run the first_install.sh script using the following commands:

```
> cd /it/kurs/consprog/minizinc/
> ./first_install.sh
```

There should now be two new folders in your home directory called minizinc and MiniZincIDE. To change directory to your home directory and then launch the MiniZinc IDE, use the following commands:

```
> cd ~
> cd MiniZincIDE
> ./MiniZincIDE.sh
```
Bugs

- Some backends contain bugs, please tell us if you find any!
- The cheatsheet will be updated during the course to reflect known bugs.

http://user.it.uu.se/~gusbj192/courses/M4C0/cheatsheet.pdf
Exercises

Before we look at exercises: Take 5 minutes to locate everything. You can find the exercises at the course homepage: http://user.it.uu.se/~pierref/courses/M4D0/assignments