

# Progress Jun 9

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June 9, 2021

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## 1 DONE Start using diary 2021-06-09 17:38

- From June 9, to July 21, there are 43 days.
- From June 9, to July 14, there are 36 days.

### 1.1 Objective

Have the presentation and Final Thesis (TCC) written until July 14.

#### 1.1.1 What has been done

It have been done extensive research on software programs which can be applied to Industry or/and Academic research and teaching.

1. Results (what literature has been tacked:
  - Linux: O.S. and Window Managers.
  - Emacs: a production environment.
  - Org-mode: reproducible research.
  - L<sup>A</sup>T<sub>E</sub>X: powerful typographical system.
  - Clojure, Julia, Python: modeling and simulation.
  - Pinelines (CI/CD): application to agile report production.

### 1.1.2 What needs to be done

1. Gantt Chart demonstrating the planned calendar schedule.
2. Order the notes and gathered information into usable components in the Thesis.
  - Industry: real case use of pipelines and agile report (Demonstration).
  - Academic: org-mode literate-programming capabilities (Demonstrations).
  - Personal: Linux, EXWM, Open Source community, benefits on my formation.
3. Decide on Beamer or Org-presentations (to be discussed).