

Automation and Make Exercises

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Exercise 1 - write a new rule

Write a new rule for ``last.dat``.

Update the ``dats`` rule.

Use a single tab when indenting the actions, not spaces!

``touch`` all the ``books/*.txt`` files to update their time-stamps.

Re-run ``make`` and all the ``*.dat`` files should be re-built.

Exercise 2 - change an action

Change the action of the ``%.dat`` rule so that the rule works. Use the following special macros:

* ``$@`` is the target of the current rule.

* ``$<`` is the first dependency only.

Exercise 3 - use macros

Replace ``wordcount.py`` and ``python wordcount.py`` with the macros ``$(COUNT_SRC)`` and ``$(COUNT_EXE)``.

Exercise 4 - extend the Makefile to create jpgs

Add new rules, update existing rules, and add new macros to:

* Create ``*.jpg`` files from ``*.dat`` files using ``plotcount.py``.

* Add the script and ``*.jpg`` files to the archive.

* Remove all auto-generated files (``*.dat``, ``*.jpg``, ``analysis.tar.gz``).