

# Running MATCH

**MATCH is running on:**

**Linux, Solaris PCs (not Windows PC!)**

**Unix workstations**

**Possible to compile on most hardware**

# Running MATCH...

**No graphical interface!**

**Issue command at the prompt (using Unix syntax), e.g.  
(match.x < file\_with\_instructions) > log\_file**

**Results-files (fields) in GRIB-format end up at a predefined location on the file-system**

**Input and output data must be converted to suitable format (by running 'utilities'-programs) before it's possible to look at the results or introduce new e.g. emission-files.**

# Typical “file with instructions”

# Changing MATCH set-up

**A number of important parameters can be set in the namelist (file with instructions)**

**It is always possible to change the source-code and re-compile the model.**

**The model is written in FORTRAN and C**

**GRIB-format**

**Look at data using GRIB-utilities**

**Run post-processing programs**

**Import results to IAM**

# Skills needed to run MATCH

**To operate the model you need to be familiar with Unix (Linux, Solaris, ...)**

**To be able to change the model code (or adjust the utilities programs) you need to master Fortran and C.**

**Extensive training typically required to handle MATCH model and associated utilities**

# Timestepping in MATCH

\* Interpolate input parameters (T, u, v, ... ) and some derived parameters ( $H_0$ ,  $Z_{PBL}$ ,  $u^*$ ,  $z_0$ , ...);  
Some non-linear boundary layer parameters ( $L$ ,  $w^*$ , ...) must be calculated from the interpolated values.





