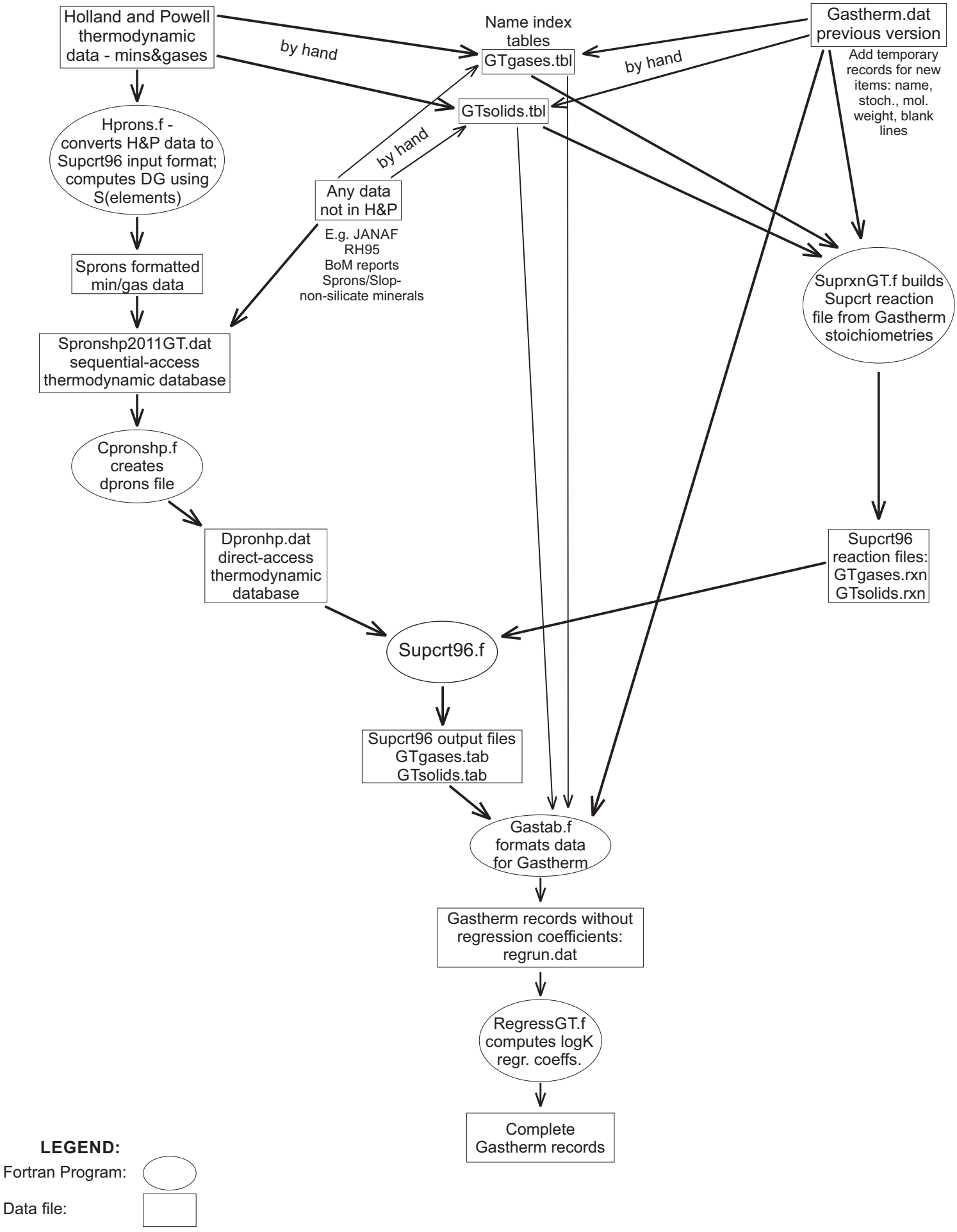
Holland and Powell thermodynamic data - mins&gases
by hand
Name index tables
GTgases.tbl
GTsolids.tbl
Gastherm.dat previous version
by hand
Add temporary records for new items: name, stoch., mol. weight, blank lines
Hprons.f - converts H&P data to Supcrt96 input format; computes DG using S(elements)
by hand
Any data not in H&P
E.g. JANAF
RH95
BoM reports
Sprons/Slop-non-silicate minerals
Sprons formatted min/gas data
SuprxnGT.f builds Supcrt reaction file from Gastherm stoichiometries
Spronshp2011GT.dat sequential-access thermodynamic database
Cpronshp.f creates dprons file
Dpronhp.dat direct-access thermodynamic database
Supcrt96 reaction files: GTgases.rxn GTsolids.rxn
Supcrt96.f
Supcrt96 output files GTgases.tab GTsolids.tab
Gastab.f formats data for Gastherm
Gastherm records without regression coefficients: regrun.dat
RegressGT.f computes logK regr. coeffs.
Complete Gastherm records
LEGEND:
Fortran Program:
Data file: