








Underwriter Class Cheat Sheet

 Underwriter(name='Rory', databases=None, update=False, log2=10, debug=False)
The Underwriter call signature lists DecL program databases to pre-load (e.g. test_suite or site specific severity curves and aggregate distributions). The following tables show all  methods, and fields or properties (used interchangeably). Comments elucidate the meaning of more obscure entries.

1. Specification & creation

name *asdf*
databases *name or list of names of severity curves and aggregate DecL files to pre-load*
update *update (calculate probabilities) created objects with default settings*
log2 *default number of buckets for discretization*
debug *asdf*

2. Update

knowledge, lexer, log2, parser,  read_database,  read_databases,  safe_lookup, update,  write,  write_from_file,







3. Moments

None

4. Statistical functions

None

5. Validation

 interpret_program,  interpreter_file,  interpreter_line,  interpreter_list,  interpreter_test_suite,  test_suite,

6. Output dataframes

None

7. Reinsurance

None

8. Visualization

None









9. Risk and pricing

None

10. Approximations

None

11. Meta

 build, case_dir, databases, debug, default_dir,  dir,  factory,  logger_level,  more, name,  qlist,  qshow,  show, site_dir, template_dir, test_suite_file, version,

Notes:

[0]: Arguments sev_pick_attachments=None, sev_pick_losses=None, omitted; see help.

[1]: matches Portfolio

Any vectorizable input accepts numeric or iterable datatypes.

Abbreviations: gcn=gross (subject), ceded, and net; stats: m=mean, cv=coefficient of variation, sd=standard deviation, var=variance, skew(ness); VaR=value-at-risk

