

ConArg

USAGE:

```
./conarg2 [-w <string>] [-q] [-P] [-p] [-d] [-n <long>] [-s <string>]
[-c <string>] [-g <double>] [-a <double>] [-e <string>] [--]
[--version] [-h] <string>
```

Where:

-w <string>, --semiring <string>

Semiring type (dung, fuzzy, weighted. Default dung)

-q, --quiet

Suppress some verbose output (default no)

-P, --percent

Suppress normal output. Instead print percentage of occurrences of each arg in the requested extensions (default no)

-p, --probo

Request probo output (default no)

-d, --stat

Request statistics (Conflictfree, admissible, complete, grounded, and stable only. Default no)

-n <long>, --RequestedSolutions <long>

Request n solutions only (default all solutions)

-s <string>, --sceptical <string>

test an argument for sceptical acceptance

-c <string>, --credulous <string>

test an argument for credulous acceptance

-g <double>, --gamma <double>

Gamma (for fuzzy and weighted semiring type only. Default: 1 for fuzzy semiring and 0 for weighted one)

-a <double>, --alpha <double>

Alpha (for fuzzy and weighted semiring type only. Default: 1 for fuzzy semiring and 0 for weighted one)

`-e <string>`, `--semantic <string>`
Extension to compute (conflictfree, admissible, complete, grounded, preferred, stable, ideal, semi-stable, eager, stage).
Stage, Semi-stable, Ideal and Eager semantics are available for DUNG semiring only

`--`, `--ignore_rest`
Ignores the rest of the labeled arguments following this flag.

`--version`
Displays version information and exits.

`-h`, `--help`
Displays usage information and exits.

`<string>`
Input File (Aspartix format)

Input file must be in Aspartix format, for example:

```
% arguments
arg(a).
arg(b).
arg(c).
arg(d).
arg(e).
% attack relations
att(a,b).
att(c,b).
att(c,d).
att(d,c).
att(d,e).
att(e,e).
```

Weights on attacks are specified by the suffix `:-` followed by the weight value. For example:

```
att(a,b):-6.
```

where `:-6.` indicates a weight of 6