Old values are overwritten silently. Note that values may be strings or numbers. If they are numbers, they are first converted to strings using default settings - so future accesses will return a string, not a number.

If a list is given as the value instead of a single string or number, a new loop is created containing this one data name, looped. Any looped data values which may have co-occurred in the loop are first deleted. As this is not necessarily the

results in an output fragmen :

```
loop_
   _example
   _example_detail
   123.4 'small cell'
   4567.8 'large cell'
```

Appending a new dataname to a pre-existing loop:

```
cb.AddToLoop(
     '_example',{'_comment':['"not t
```

Note that, as the lists returned by PyBIFRW are direct pointers to the original lists, it is possible to extend them directly (e.g. cb['_example'].append('101.1')),

dic A CifDic object to use in validation

diclist A list of CifFile objects or filenames to be merged into a CifDic object (see below)

mergemode Choose merging method (one of 'strict','overlay', 'replace')

1.4 Merging dictionaries

PyCIFRW provides a top-level function to merge DDL1/2 dictionary files. It takes a list of CIF filenames or CifFile objects, and a mergemode keyword argument. CIF files are merged from left to right, that is, the second file in the list is merged into the first file in the list and so on.

6.2 Options

--version show version number and exit

-h,--help print short help message

-d dirname directory to find/store dictionary files

-f dictname filename of locally-stored dictionary

-u version dictionaryversion to resolve using registry

-n name dictionary name to resolve using registry

-s store downloaded dictionarylocally (default True)

-c fetch and use canonical registry from IUr

-r registry location of registry as filename or URL

7 Further information

The source files are in a literate programming format (noweb) with file extension .nw. HTML documentation generated from these files and containing both code and copious comments is included in the downloaded package. Details of