# Personnal Publication List

Nicolas Markey

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**Abstract**

This .bst-file extracts the publications of a given author and sorts them. The possible co-authors are named at the very end of the entry. Entries are sorted by year of publication, in increasing or decreasing order.

## 1 How does it work ?

The name and configuration parameters are passed to the `bst`-style file through a `@config` entry. This entry may have several fields :

`myname` your name ;-) It should be written in a BibTEX format.

`testlevel` Depending on how clean is your `.bib`-file, you can ask that the name should match exactly with the one provided in the `myname` field (that is `testlevel=0`, the default value), of that it matches with the first name abbreviated (`testlevel=1`) or that is only matches with the last name (`testlevel=2`). Any other value for `testlevel` will amount to the default value.

`reverse-sort` entries are sorted according to their `year` field. Sorting can be increasing or decreasing. The default is increasing (oldest first).

`nameformat` the "style" you prefer for names. This will be used for co-authors. There are four possibilities:

| | |
|---|---|
| 0 | first name first, not abbreviated |
| 1 | first name first, abbreviated |
| 2 | last name first, first name not abbreviated |
| 3 | last name first, first name abbreviated. |

`jointwork` the phrase you want to be written before the name of the co-authors. Default is "*Joint work with* ".

| | |
|---|---|
| `no-url` | this style is based on the `plain` BibTEX style by Oren Patashnik, which originally did not handle `url` fields. This style does handle `url` fields, but this can be turned off by setting `no-url` to `1`. |

If you plan to use the `url`-field, you should include the corresponding `url` package, by Donald Arseneau. Here is an example of a `.tex`-file for your list of publications:

```
\documentclass{article}
\usepackage[T1]{fontenc}
\usepackage{url}

\begin{document}
\def\bibname{Publication list of Nicolas Markey}
\nocite{*}

\bibliographystyle{publist}
\bibliography{config,complete}

\end{document}
```

The `config.bib` file will contain the configuration parameters. Here is an example of such a file:

```
@config{test,
  myname = "Markey, Nicolas",
  jointwork = "Joint work with",
  testlevel = 1,
  nameformat = 0,
  no-url = 1,
  reverse-sort = 1,
}
```

When running BibTEX on the `.aux` file created by the above `.tex` example, here is the result you should get:

```
% bibtex mypub
This is BibTeX, Version 0.99c (Web2C 7.3.1)
The top-level auxiliary file: toto.aux
The style file: publist.bst
Database file #1: config.bib
Database file #2: complete.bib
 -- Extracting entries for Markey N --
 -- I selected 6 entries out of 2957. --
```

BibTeX gives the name of the author it is extracting a publication list for (this is mainly for debugging purposes, if you mistyped the name). It also tells the number of entries it selected in your `.bib` file.

Of course, you have to run `latex` first, then `bibtex` and then `latex` again. The third `latex` pass is only necessary if you have `\cite`s in your bib-entries.

## 2 The code

As soon as I have time...

If you have any comments, questions, suggestions, don't hesitate and send them to me at `markey@lsv.ens-cachan.fr`.