Discussion of the "IMS CV style" (imscv.sty)

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1 Introduction

The current documents describes biographic records written in the "IMS CV style" that is, documents designed to be compiled using imscv.sty. This style is designed to produce nice-looking PDFs, but also to store fielded data that can be easily converted to other formats (for example, to HTML for display on the web). In addition to simple "biographical" and "membership" information, these files typically also include "bibliographic" information relevant to the life of the person described. This information is recorded in BibTeX records that are included within the preamble of LaTeX file, via `filecontents`. In standard usage, the "biographical" information appears next, followed by an inclusion of the bibliographic records into the text.

2 Compiling

The beginning of the preamble of documents written to be compiled with the imscv.sty style file looks like this:

```
% arara: pdflatex
% arara: biber
% arara: pdflatex
% arara: pdflatex
\documentclass[letterpaper]{article}
\usepackage{imscv}
\addbibresource{imsBooks.bib}
\addbibresource{\jobname.bib}
\usepackage{filecontents}
[...]
```

They can be compiled either with the complex command `pdflatex` *filename* `&& biber` *filename* `&& pdflatex` *filename* `&& pdflatex` *filename* or with the single command `arara` *filename* for users who have `arara` installed. (For example, it is part of texlive.) For uniformity, filenames are written without suffix.

Example

```
pdflatex public__john_q && biber public__john_q && pdflatex→
    public__john_q && pdflatex public__john_q
```

or, more simply:

```
arara public__john_q
```

3 Biblographic records

With the new implementation, bibliography-style data is turned into standard BibTEX records, included via `filecontents` and referred to in the appropriate section of the member bio. This example entry should look familiar (other bibtypes are supported as well):

```
@journal{person__id:N,
year={Year goes here},
author={Author goes here},
title={Title goes here},
journal={Name of journal},
volume={X},
number={Y},
pages={P-Q},
url={URL goes here, if any}}
```

This will be brought into the LATEX file in the appropiate subsection, like this:

```
\subsection*{BioCat Heading}}
\BioCatCite{person__id:N}
```

where `\BioCatCite` is one of several synonyms that are introduced for the usual `\cite` command. This helps support automated scanning of the files. The `BioCat Heading` is not expected to be processed automatically, so it mainly serves as a visual guide and can be written in the plural or singular form.

- `\BioCatCite` ∈ { `\Biography`, `\Symposium`, `\Archive`, `\ArtExhibition`, `\CollectedWorks`, `\SelectedWorks`, `\DVD`, `\Endowment`, `\Festschrift`, `\Memoir`, `\OralHistory`, `\DeathNotice`, `\Obituary`, `\InMemoriam`}

- `BioCat Heading` ∈ {Biography, Biographies, Symposium, Symposia, Archive, Archives, . . . , Obituary, Obituaries, In Memoriam}

Example

The following BibTeX records would be stored in the file `public__john_q.tex` inside a `filecontents` block in the document's preamble –

```
\begin{filecontents}{\jobname.bib}
[... some lines omitted ...]
@article{public__john_q:13,
  title={{J}ohn {Q}. {P}ublic visits a {L}and called {U}qbar},
  author={Haslam, Silas},
  journal={Revista Canadiense de Estudios Hisp{\'a}nicos},
  pages={275--280},
  year={2001},
  publisher={JSTOR}
}

@misc{public__john_q:14,
year={2002},
author={Anonymous},
title={{U}ntitled},
}
\end{filecontents}
```

... and would be brought into the main LaTeX portion of the text later on, like this:

```
\subsection*{Obituary}
\Obituary{public__john_q:13}

\subsection*{In Memoriam}
\InMemoriam{public__john_q:14}
```

Note: as mentioned in the introduction, in practice, the other elements of the record, described in the sections below, will appear before the bibliographic records are incorporated.

4 Basic membership and biographical data

These commands record straightforward information about the membership and biography. These commands each take one argument, which should be self-explanatory:

```
\Name{NAME}  \ID{ID}  \AltID{ALT-ID}  \DOB{DOB}
\DOD{DOD}  \DisplayName{SHORT-NAME}  \AltName{OTHER-NAME}
\BirthPlace{PLACE}  \Deceased
```

As indicated, the command \Deceased takes *zero* arguments and should be placed after \Name{...}, only in the case in which the record describes a member who is deceased.

Example

```
[... preamble, including bibliography data as above, omitted ...]
\begin{document}

\Name{John Q. Public} \Deceased

\ID{public__john_q}
\AltID{public__john}

\DisplayName{Public, John}
\AltName{John Doe}

\DOB{1963-11-23}
\DOD{2001-09-10}
\BirthPlace{USA}
[...]
```

5   Links

```
  \Homepage{URL}    \Email{EMAIL-ADDRESS}    \Profile{URL}
```

Note that \Email{...} is not something that every user wishes to publish on the open web, so while this field is supported at the user's option, it is not in any way required.

Example

```
[...]
\Homepage{http://www.jqpublicblog.com}
\Email{estate_of_john_public@gmail.com}

\subsection*{Profiles}
\Profile{http://en.wikipedia.org/wiki/John_Q._Public}{Wikipedia}
\Profile{http://en.wiktionary.org/wiki/John_Q._Public}{Wiktionary}
[...]
```

6   Degrees

```
\Degree{YEAR}{NAME-OF-DEGREE}{NAME-OF-INSTITUTION}
        [THESIS-TITLE]<MATH-GENEOLOGY-URL>
```

Note the varied delimiters for different components; the two arguments listed in the second line are optional. (But to assist with automated processing, the command should be entered on one line.)

Examples

In the most typical case, all arguments will be provided. The URL will be formatted as a link.

```
\Degree{1979}{Ph.D.}{Miskatonic University}[A Statistical
  Interrogation of 'Psychological Distress and Repeated Television
  Viewing']<http://genealogy.math.ndsu.nodak.edu/id.php?id=123456>
```

(*1979*) *Ph.D.* Miskatonic University
Thesis: *A Statistical Interrogation of 'Psychological Distress and Repeated Television Viewing'* (Math. Geneology)

However, for some reason the geneology record is missing, we can just provide the title:

```
\Degree{1979}{Ph.D.}{Miskatonic University}[A Statistical
Interrogation of 'Psychological Distress and Repeated Television
Viewing']
```

(*1979*) *Ph.D.* Miskatonic University
Thesis: *A Statistical Interrogation of 'Psychological Distress and Repeated Television Viewing'*

Similarly, if the thesis title is missing, we can just provide the geneology record:

```
\Degree{1979}{Ph.D.}{Miskatonic
University}<http://genealogy.math.ndsu.nodak.edu/id.php?id=123456>
```

(*1979*) *Ph.D.* Miskatonic University
(Math. Geneology)

Finally, some types of degree don't expect either of those optional arguments, or they may not be known, and in such cases, they can both be left off.

```
\Degree{1975}{B.A.}{Miskatonic University}
```

(*1975*) *B.A.* Miskatonic University

7 Career

```
\Position{YEAR(S)}{ROLE}{INSTITUTION}
\Service{YEAR(S)}{ROLE}{INSTITUTION}
\Affiliation{INSTITUTION}{URL}
```

Only a few legacy users specify an `\Affiliation{...}` and they generally do so with one argument, which is sometimes the name of an institution, sometimes a URL, or sometimes both together. Here we list one required argument which is meant to denote the institution, and introduce *url* as an optional second argument.

Examples

```
\subsection*{Career}
\Position{1979--1989}{Researcher}{Amundsen-Scott South Pole→
    Station}
\Position{1989--2001}{Professor of Statistics}{Miskatonic→
    University}
\Affiliation{PlanetMath.org}{http://planetmath.org}
\subsection*{Professional Service}
\Service{1990-1992}{Correspondent}{London Psychogeographical→
    Association}
```

Career

(*1979–1989*) Researcher, Amundsen-Scott South Pole Station
(*1989–2001*) Professor of Mathematics, Miskatonic University

Affiliation PlanetMath.org
link: http://planetmath.org

Professional Service

(*1990-1992*) Correspondent, London Psychogeographical Association

Honors

```
\Honor{YEAR}{INSTITUTION/NAME-OF-HONOR}{CITATION}
```

The *citation* field is optional.

Examples

```
\Honor{2001}{Fellowship of the Ring}
\Honor{2015}{League of Extraordinary Gentlemen}{Elected→
    posthumously for services to literature.}
```

(*2001*) Fellowship of the Ring
(*2015*) League of Extraordinary Gentlemen
    Elected posthumously for services to literature.

Membership in other organizations

```
\Member{INSTITUTION}
```

Example

```
\Member{Association of Autonomous Astronauts}
```

Member Association of Autonomous Astronauts