langsci-affiliations

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User guide 1

This package provides a command \ResolveAffiliations, which collects authoraffiliation pairs and outputs them according to the user configuration. It is aimed at class authors, i.e. maintainers of document templates in publishing houses, universities, etc.

 $\ResolveAffiliations \ResolveAffiliations [\langle options \rangle] {\langle pairs of authors and affiliations \rangle}$

Takes the $\{\langle pairs\ of\ authors\ and\ affiliations\rangle\}$, orders them internally and outputs them according to the $[\langle options \rangle]$.

 $\{\langle Pairs\ of\ authors\ and\ affiliations\rangle\}$ is a list of authors and affiliations, separated by a customisable string. The defaults for the separators are and for authors and; for affiliations. The conventional author separator \and is automatically converted to the chosen author separator. Affiliations are given within $\{pairs\}$ argument. This command is not defined by this package and possibly existing definitions are left unchanged.

For example:

```
\ResolveAffiliations{
  A. U. Thor\affiliation{University of the Moon; University of Mars}
  and B. U. Thor\affiliation{University of Mars}
}
results in:
```

A. U. Thor^{a,b} & B. U. Thor^b ^aUniversity of the Moon ^bUniversity of Mars

The output can be customised using the $[\langle options \rangle]$. They are described below.

 $\P \operatorname{Affiliations} \operatorname{SetupAffiliations} \{\langle options \rangle\}$

Options can be set either globally or locally. With \SetupAffiliations{\langle options \rangle}, they apply globally. If they are set with $\ResolveAffiliations[\langle options \rangle]$, they apply locally.

^{*}mailto:felix.kopecky@langsci-press.org. Please submit bug reports and feature requests to https://github.com/langsci/langsci-affiliations/issues.

mark style = $\langle style \rangle$

(initially alphabetic)

Controls which markers should be used in the indexes of affiliations. Can be a either of {alphabetic, numeric, circled, none}.

output affiliation = $\langle boolean \rangle$

(initially true)

Affiliations are output if true, otherwise not.

orcid placement = $\langle choice \rangle$

(initially none)

Decide whether and where to place ORCIDs around author names. Valid choices are {none, before, after}.

output in groups = $\langle boolean \rangle$

(initially true)

If true, authors and affiliations are output in the same line. When false each author and affiliation gets its own line. Only available if output affiliation=true.

output authors font = $\langle font \ commands \rangle$

(initially \Large)

Stores the font settings for the ouput of authors.

output affiliation font = $\langle font \ commands \rangle$

(initially \normalsize)

Stores the font settings for outputting affiliations.

Output separators between authors and affiliations are customisable as well:

separator between two = $\langle tokens \rangle$

(initially ~&~)

If there are only two authors, use these $\langle tokens \rangle$ to separate them.

separator between multiple = $\langle tokens \rangle$

(initially,~)

If there are more than two authors, use these $\langle tokens \rangle$ to separate every pair except the last one.

separator between final two = $\langle tokens \rangle$

(initially ~&~)

Use these $\langle tokens \rangle$ to separate the last pair of authors if ther are more than two.

separator between indices = $\langle tokens \rangle$

(initially,)

Use these to separate affiliation indices after each author.

separator between affiliations = $\langle tokens \rangle$

(initially ⊔)

Separates the affiliations in the affiliation line.

The way the input is digested can be customised with these two settings:

input names separator = $\langle tokens \rangle$

(initially ~and~)

Separates the author names in the input.

input affiliation separator = $\langle tokens \rangle$

(intially;)

Separates the affiliations in the input, within dummy command \affiliation.

 $\CountAuthorsFromAffiliations\CountAuthorsFromAffiliations\[\langle options \rangle\]$ { $\c pairs\ of\ authors\ and\ options\ opti$ affiliations \}

New: 2021-12-06

A document command to count the numbers of authors given in a list. Useful for conditional behaviour of document classes based on the numbers of authors. It takes the same optional arguments as \ResolveAffiliations. For example, a custom author separator is recognised by this command.

The result is stored in the global integer variable \g__affiliations_num_authors_int.

\LinkToORCIDinAffiliations \LinkToORCIDinAffiliations \{\langle orcid\}

New: 2022-09-27 This document command is intended as a user interface to customise the way ORCIDs are output. For example, it can be set to forward the input ORCIDs to \orcidlink from the orcidlink package:

```
\RenewDocumentCommand{\LinkToORCIDinAffiliations}{ +m }
    \,\orcidlink\{#1\}\%
```

Implementation

```
1 (*package)
2 (@@=affiliations)
3 \RequirePackage{xparse}
4 \ProvidesExplPackage {langsci-affiliations}
5 {2023-10-12} {1.2}
6 {A LaTeX3 package to collect and order authors and affiliations}
```

\ResolveAffiliations

The top-level document command. It is grouped to keep assignments local.

```
7 \NewDocumentCommand{\ResolveAffiliations}{ O{} +m }
     \group_begin:
     \keys_set:nn { affiliations } { #1 }%
     \exp_args:No \affiliations_resolve:n { #2 }%
     \group_end:
   }
```

(End definition for \ResolveAffiliations. This function is documented on page 1.)

\LinkToORCIDinAffiliations

The action taken to link to an ORCID. Designed to be overwritten by the user.

```
_{14} \ProvideDocumentCommand{\LinkToORCIDinAffiliations}{ +m }{ \#1 }
```

(End definition for \LinkToORCIDinAffiliations. This function is documented on page 3.)

\CountAuthorsFromAffiliations

Count authors and leave the result in the global integer variable \g_affiliations_num authors int.

```
15 \NewExpandableDocumentCommand{\CountAuthorsFromAffiliations}{ 0{} +m }
      \group_begin:
      \keys_set:nn { affiliations } { #1 }%
      \exp_args:No \affiliations_count_authors:n { #2 }%
20
      \group_end:
    }
21
```

(End definition for \CountAuthorsFromAffiliations. This function is documented on page 2.)

\SetupAffiliations A command to define options.

```
22 \NewDocumentCommand{\SetupAffiliations}{ m }
      \keys_set:nn { affiliations } { #1 }
```

```
(End definition for \SetupAffiliations. This function is documented on page 1.)
26 \keys_define:nn { affiliations }
27
     {
       mark~style .tl_set:N
28
           = \l_affiliations_style_tl,
       mark~style .initial:n
           = { alphabetic },
31
       output~affiliation .bool_set:N
32
           = \l_affiliations_output_affiliation_bool,
33
       output~affiliation .initial:n
34
           = { true },
35
       orcid~placement .tl_set:N
36
           = \l_affiliations_orcid_place_tl,
37
       orcid~placement .initial:n
38
           = { none },
39
 40
       output~in~groups .bool_set:N
41
           = \l_affiliations_output_grouped_bool,
       output~in~groups .initial:n
42
           = { true },
43
       separator~between~two .tl_set:N
44
           = \l_affiliations_separator_between_two_tl,
45
       separator~between~two .initial:n
46
           = {~\&~},
47
       separator~between~multiple .tl_set:N
48
           = \l_affiliations_separator_between_mult_tl,
49
       separator~between~multiple .initial:n
           = \{, \sim\},
       separator~between~final~two .tl_set:N
52
53
           = \l_affiliations_separator_between_last_two_tl,
       separator~between~final~two .initial:n
54
55
           = \{ \sim \backslash \& \sim \},
       separator~between~indices .tl_set:N
56
           = \l_affiliations_indices_separator_tl,
57
       separator~between~indices .initial:n
58
           = \{,\},
59
       separator~between~affiliations .tl_set:N
60
           = \l_affiliations_afil_separator_tl,
       separator~between~affiliations .initial:n
63
           = \{ \sim \}.
       output~authors~font .cs_set:Np
64
           = \__affiliations_output_authors_font:,
65
       output~authors~font .initial:n
66
           = {\Large},
67
       output~affiliation~font .cs_set:Np
68
           = \__affiliations_output_affiliation_font:,
69
       output~affiliation~font .initial:n
70
           = {\normalsize},
       input~names~separator .tl_set:N
           = \l_affiliations_input_names_sep_tl,
73
       input~names~separator .initial:n
74
           = {~and~},
75
       input~affiliation~separator .tl_set:N
76
           = \l_affiliations_input_afil_sep_tl,
77
       input~affiliation~separator .initial:n
```

```
= {;}
                               Variants and variables
               \prop_put:Nxx
               \prop_put:Nnx
          \seq_set_split:Nvn
                                82 \cs_generate_variant:Nn \prop_put:Nnn { Nxx }
 \l_affiliations_tmpa_clist
                                83 \cs_generate_variant:Nn \prop_put:Nnn { Nnx }
                                84 \cs_generate_variant:Nn \seq_set_split:Nnn { NVV }
   \l_affiliations_tmpa_int
                                85 \cs_generate_variant:Nn \seq_set_split:Nnn { NVn }
       \g_affiliations_num_authors_int
                                86 \cs_generate_variant:Nn \tl_replace_all:Nnn { NnV }
      \l affiliations affiliations seq
                                87 \clist_new:N \l__affiliations_tmpa_clist
\l_affiliations_authors_seq
                                88 \int_new:N \l__affiliations_tmpa_int
  \l_affiliations_names_seq
                                89 \int_new:N \g__affiliations_num_authors_int
   \l_affiliations_tmpa_seq
                                90 \seq_new:N \l__affiliations_affiliations_seq
   \l_affiliations_tmpb_seq
                                91 \seq_new:N \l__affiliations_authors_seq
    \l_affiliations_tmpa_tl
                                92 \sep_new:N l_affiliations_names_seq
    \l_affiliations_tmpb_tl
                                93 seq_new:N l_affiliations_tmpa_seq
\l_affiliations_output_prop
                                \ \seq_new:N \l__affiliations_tmpb_seq
     \verb|\label{lambda}| 1\_affiliations\_affiliations\_prop|
                                96 \seq_new:N \l__affiliations_tmp_orcid_seq
                                97 \tl_new:N \l__affiliations_tmpa_tl
                                98 \tl_new:N \l_affiliations_tmpb_tl
                                99 \tl_new:N \l__affiliations_tmpc_tl
                                100 \prop_new:N \l__affiliations_tmpa_prop
                                101 \prop_new:N \l__affiliations_output_prop
                                102 \prop_new:N \l__affiliations_affiliations_prop
                                103 \prop_new:N \l__affiliations_orcids_prop
                               (End definition for \prop_put:Nxx and others.)
                               The data for the circled mark style. Since this uses the \char, it is only available in
 \l_affiliations_icons_prop
                               XeLaTeX.
                                104 \prop_const_from_keyval:Nn \l__affiliations_icons_prop
                                105
                                        0 = \frac{2460}{1} = \frac{2461}{2} = \frac{2462}{3} = \frac{2463}{3}
                                        4 = \frac{2464}{5} = \frac{2465}{6} = \frac{2466}{7} = \frac{2467}{6}
                                        8 = \char"2468, 9 = \char"2469, 10 = \char"246A, 11 = \char"246B,
                                       12 = \frac{246C}{13} = \frac{246D}{14} = \frac{246E}{15} = \frac{246F}{15}
                                       16 = \char"2470, 17 = \char"2471, 18 = \char"2472, 19 = \char"2473
                               (End\ definition\ for\ \l_affiliations\_icons\_prop.)
   \ affiliations resolve affiliations:
                               A helper macro to order affiliations. Is called by \affiliations_resolve:n.
                                  \cs_new:Npn \__affiliations_resolve_affiliations: #1#2
                                113
                                       \clist_clear:N \l__affiliations_tmpa_clist
                                114
                                       \tl_if_empty:nTF {#2}
                                116
                                117
                                           \prop_put:Nnn \l__affiliations_output_prop {#1} {}
                                         }
                                119
                                           \verb|\seq_set_split:NVn \l|\_affiliations_tmpa_seq|
                                120
                                                               \l_affiliations_input_afil_sep_tl
```

```
124
                \prop_get:NnNTF \l__affiliations_affiliations_prop
125
                                  {##1}
126
                                  \l_affiliations_tmpa_tl
127
                  {
128
                     \clist_put_right:NV \l__affiliations_tmpa_clist
129
                                           \l_affiliations_tmpa_tl
130
                  }
131
                  {
132
                     %Not yet present
                     \clist_put_right:Nx \l__affiliations_tmpa_clist
134
                       {
135
                         \prop_count:N \l__affiliations_affiliations_prop
136
                     \prop_put:Nnx \l__affiliations_affiliations_prop {##1}
138
                       { \prop_count:N \l__affiliations_affiliations_prop }
139
              }
            \prop_put:NnV \l__affiliations_output_prop
                           {#1}
143
                           \l_affiliations_tmpa_clist
144
          }
145
     }
146
(End\ definition\ for\ \_affiliations\_resolve\_affiliations:.)
A helper macro that outputs the list of affiliations, usually below the list of authors.
   \cs_new:Nn \__affiliations_output_affiliations:
147
148
       \prop_map_inline: Nn \l__affiliations_affiliations_prop
149
150
151
            \int_set:Nn \l__affiliations_tmpa_int { ##2 }
            \str_case_e:nn { \l__affiliations_style_tl }
              {
                {alphabetic}
                  {
                     \textsuperscript{\int_to_alph:n{ \int_eval:n
156
                          \l_affiliations_tmpa_int + 1 }
                       {
                    } }
158
                  }
159
                {numeric}
160
                  { \textsuperscript{\int_eval:n {\l__affiliations_tmpa_int + 1} } }
161
                {circled}
162
                     \prop_item: Nn \l__affiliations_icons_prop
164
                                    {\l_affiliations_tmpa_int}
165
                  }
166
                {none} { }
167
168
            \tl_rescan:nn {} {##1}
169
            \int_compare:nNnT
170
```

\ affiliations output affiliations:

171

{ #2 }
\seq_map_inline:\n\\l__affiliations_tmpa_seq

{ \int_eval:n {\l_affiliations_tmpa_int + 1} }

```
{ \prop_count:N \l_affiliations_affiliations_prop }
                                         { \tl_use:N \l_affiliations_afil_separator_tl }
                           174
                                     }
                                }
                           176
                           (End\ definition\ for\ \_affiliations\_output\_affiliations:.)
\ affiliations return afil text:n
                          A helper macro that returns the affiliation marks.
                           177 \cs_new:Npn \__affiliations_return_afil_text:n #1
                           178
                                   \int_set:Nn \l__affiliations_tmpa_int { #1 }
                           179
                                   \str_case_e:nn { \l__affiliations_style_tl }
                           180
                                     {
                           181
                                       {alphabetic}
                           182
                           183
                                            \seq_put_right:Nx \l__affiliations_tmpb_seq
                                                               { \int_to_alph:n{ \int_eval:n {#1 + 1} } }
                           187
                                       {numeric}
                           188
                                         {
                                            \seq_put_right:Nx \l__affiliations_tmpb_seq
                           189
                                                               { \int_eval:n {\l__affiliations_tmpa_int + 1} }
                           190
                                         }
                           191
                                       {circled}
                           192
                                         {
                                            \seq_put_right:Nx \l__affiliations_tmpb_seq
                           194
                                                               { \prop_item: Nn \l_affiliations_icons_prop
                           195
                                                                                 { \l_affiliations_tmpa_int} }
                           197
                                       {none} { }
                           198
                           199
                                }
                           200
                           (End definition for \__affiliations_return_afil_text:n.)
                           A helper macro to output the list of authors, with affiliation marks (if any).
  \_affiliations_output_authors:
                           201 \cs_new:Nn \__affiliations_output_authors:
                                {
                           202
                                   \seq_clear:N \l__affiliations_tmpa_seq
                           203
                                   \prop_map_inline: Nn \l_affiliations_output_prop
                           204
                           205
                                       \seq_clear:N \l__affiliations_tmpb_seq
                           206
                                       \clist_map_function:nN {##2} \__affiliations_return_afil_text:n
                           207
                                       \tl_set:Nn \l__affiliations_tmpb_tl
                           208
                           209
                                            \seq_use: Nn \l__affiliations_tmpb_seq
                                                         {\l_affiliations_indices_separator_tl}
                                       \str_case_e:nn { \l_affiliations_orcid_place_tl }
                                         {
                           214
                                            {none}
                           216
                                              \seq_put_right:Nx \l__affiliations_tmpa_seq
                                                {
                           218
```

```
\exp_not:N \textsuperscript{\tl_use:N \l__affiliations_tmpb_tl}
                            220
                                           }
                                            {before}
                            223
                            224
                                              \seq_put_right:Nx \l__affiliations_tmpa_seq
                            225
                            226
                                                  \exp_not:N \__affiliations_recover_orcid:n { ##1 }
                                                  \tl_rescan:nn {} {##1}
                            228
                                                  \exp_not:N \textsuperscript{\tl_use:N \l__affiliations_tmpb_tl}
                            230
                                           }
                                            {after}
                            232
                                            {
                                              \seq_put_right:Nx \l__affiliations_tmpa_seq
                            234
                            235
                                                  \tl_rescan:nn {} {##1}
                            236
                                                  \exp_not:N \__affiliations_recover_orcid:n { ##1 }
                                                  \exp_not:N \textsuperscript{\tl_use:N \l__affiliations_tmpb_tl}
                                           }
                            240
                                         }
                            241
                            242
                                   \seq_use:Nnnn \l__affiliations_tmpa_seq
                            243
                                                     {\l_affiliations_separator_between_two_tl}
                            244
                                                     {\l_affiliations_separator_between_mult_tl}
                            245
                                                     {\l_affiliations_separator_between_last_two_tl}
                           246
                                 }
                           (End definition for \__affiliations_output_authors:.)
                           The main macro.
\affiliations_resolve:n
                               \cs_new:Npn \affiliations_resolve:n #1
                            248
                                 {
                           249
                                   \tl_set:Nn \l__affiliations_tmpc_tl { #1 }
                            250
                                   \tl_replace_all:NnV \l__affiliations_tmpc_tl
                                                         { \and }
                                                         \l_affiliations_input_names_sep_tl
                            253
                                   \seq_set_split:NVV \l__affiliations_names_seq
                                                        \l_affiliations_input_names_sep_tl
                                                        \l_affiliations_tmpc_tl
                            257
                                   \seq_map_inline: Nn \l__affiliations_names_seq
                            258
                                       \tl_clear_new:N \l__affiliations_names_tmp_tl
                            259
                                       \tl_set:Nn \l__affiliations_names_tmp_tl { ##1 }
                            260
                           261
                           Regex-parsing: We store the \{\langle affiliations \rangle\} found in \affiliation to a separate se-
                           quence, and the \{\langle orcid \rangle\} found in \backslash orcid to another sequence.
                           262
                                       \regex_extract_once:nnN
                            263
                                         {\c\{affiliation\} \cB. (\c[^BE].*) \cE.}
                            264
                                         { ##1 }
                            265
                                         \l_affiliations_tmp_affil_seq
                            266
```

\tl_rescan:nn {} {##1}

219

```
\regex_extract_once:nnN
268
             {\c{orcid} \cB. (\c[^BE].*) \cE.}
269
              { ##1 }
             \l_affiliations_tmp_orcid_seq
272
Now strip all instances of \{ (list) \} and \{ (id) \} to receive the name
of the author.
            \regex_replace_all:nnN {\c{orcid} \cB. (\c[^BE].*) \cE.}
274
                                    {}
275
                                    \l_affiliations_names_tmp_tl
276
           \regex_replace_all:nnN {\c{affiliation} \cB. (\c[^BE].*) \cE.}
277
                                    {}
278
                                    \l_affiliations_names_tmp_tl
279
And store the data in two separate property lists.
281
           \prop_put:Nxx \l__affiliations_tmpa_prop
282
           { \tl_use:N \l_affiliations_names_tmp_tl }
283
           { \seq_item: Nn \l_affiliations_tmp_affil_seq {2} }
           \prop_put:Nxx \l__affiliations_orcids_prop
           { \tl_use:N \l_affiliations_names_tmp_tl }
287
           { \seq_item: Nn \l__affiliations_tmp_orcid_seq {2} }
288
289
       \bool_if:NTF \l__affiliations_output_affiliation_bool
290
291
            \bool_if:NTF \l__affiliations_output_grouped_bool
292
293
                \prop_map_function:NN \l_affiliations_tmpa_prop
294
                                       \__affiliations_resolve_affiliations:
                \group_begin:
                  \__affiliations_output_authors_font:
                  \__affiliations_output_authors:
                \group_end:\\[0.5ex]
                \group_begin:
300
                  \__affiliations_output_affiliation_font:
301
                  \__affiliations_output_affiliations:
302
                \group_end:
303
             }
304
305
                \seq_clear:N \l__affiliations_tmpa_seq
                \prop_map_inline: Nn \l_affiliations_tmpa_prop
308
                    \str_case_e:nn { \l_affiliations_orcid_place_tl }
309
                      {
310
                        {none}
311
312
                          \seq_put_right:Nx \l__affiliations_tmpa_seq
313
314
                              \group_begin:
315
                                 \exp_not:N \__affiliations_output_authors_font:
```

```
\tl_rescan:nn {} {##1}\\[0.5ex]
317
                                \group_end:
318
                                \group_begin:
319
                                  \exp_not:N \__affiliations_output_affiliation_font:
320
                                  \tl_rescan:nn {} {##2}
321
                                \group_end:
322
                             }
323
                         }
324
325
                         {before}
326
                         {
                           \seq_put_right:Nx \l__affiliations_tmpa_seq
327
328
                             {
                                \group_begin:
329
                                  \verb|\exp_not:N \  \  | \_affiliations_output_authors_font: \\
330
                                  \exp_not:N \__affiliations_recover_orcid:n { ##1 }
331
                                  \t! rescan:nn {} {\#1}\\[0.5ex]
332
                                \group_end:
333
                                \group_begin:
334
                                  \exp_not:N \__affiliations_output_affiliation_font:
                                  \tl_rescan:nn {} {##2}
                                \group_end:
                             }
338
                         }
339
                         {after}
340
                         {
341
                           \seq_put_right:Nx \l__affiliations_tmpa_seq
342
343
                             {
                                \group_begin:
                                  \exp_not:N \__affiliations_output_authors_font:
345
                                  \tl_rescan:nn {} {##1}
                                  \exp_not:N \__affiliations_recover_orcid:n { ##1 }\\[0.5ex]
347
348
                                \group_end:
349
                                \group_begin:
                                  \exp_not:N \__affiliations_output_affiliation_font:
350
                                  \tl_rescan:nn {} {##2}
351
                                \group_end:
352
                             }
353
                         }
354
                      }
355
                  }
                \seq_use:Nnnn \l__affiliations_tmpa_seq
                                  \{\label{localizations_separator_between_two_tl} \\
                                  {\tt \{\l_affiliations\_separator\_between\_mult\_tl\}}
350
                                  {\l_affiliations_separator_between_last_two_tl}
360
              }
361
         }
362
363
            \group_begin:
            \__affiliations_output_authors_font:
365
366
            \seq_clear:N \l__affiliations_tmpa_seq
            \prop_map_inline: Nn \l__affiliations_tmpa_prop
              {
                \str_case_e:nn { \l__affiliations_orcid_place_tl }
369
                  {
370
```

```
{
                                                  \seq_put_right:Nx \l__affiliations_tmpa_seq
                                                                     { \tl_rescan:nn {} {##1} }
                         374
                         375
                                             {before}
                         376
                         377
                                                  \seq_put_right:Nx \l__affiliations_tmpa_seq
                         378
                                                                        \exp_not:N \__affiliations_recover_orcid:n { ##1 }
                                                                        \tl_rescan:nn {} {##1}
                         382
                                               }
                         383
                                             {after}
                         384
                                               {
                         385
                                                  \seq_put_right:Nx \l__affiliations_tmpa_seq
                         386
                         387
                                                                        \tl_rescan:nn {} {##1}
                                                                        \exp_not:N \__affiliations_recover_orcid:n { ##1 }
                                                                     }
                                               }
                                             }
                         392
                                      }
                         393
                                    \seq_use:Nnnn \l__affiliations_tmpa_seq
                                                      {\l_affiliations_separator_between_two_tl}
                         395
                                                      {\l_affiliations_separator_between_mult_tl}
                         396
                                                      {\l_affiliations_separator_between_last_two_tl}
                         397
                                     \group_end:
                         398
                                  }
                         399
                              }
                        (End definition for \affiliations_resolve:n.)
                        Count the numbers of authors and saves the result in the global integer variable \S_{--}
 \affiliations count authors:n
                        affiliations_num_authors_int.
                            \cs_new:Npn \affiliations_count_authors:n #1
                         401
                         403
                                \tl_set:Nn \l__affiliations_tmpc_tl { #1 }
                                \tl_replace_all:NnV \l__affiliations_tmpc_tl
                                                      { \ \ \ }
                                                      \l_affiliations_input_names_sep_tl
                         406
                                \seq_set_split:NVV \l__affiliations_names_seq
                         407
                                                     \l_affiliations_input_names_sep_tl
                         408
                                                     \l_affiliations_tmpc_tl
                         409
                                \int_gset:Nn \g_affiliations_num_authors_int
                         410
                                   { \seq_count:N \l__affiliations_names_seq }
                         411
                         412
                        (End\ definition\ for\ \affiliations\_count\_authors:n.)
                        Return the ORCID associated with an author.
\ affiliations recover orcid:n
                         413 \cs_new:Npn \__affiliations_recover_orcid:n #1
                         414
                                \prop_get:NnNTF \l__affiliations_orcids_prop { #1 }
```

{none}

371

```
\verb|\label{loss_tmpd_tl}| \\
416
417
               \verb|\tl_if_empty:NTF \ \l__affiliations_tmpd_tl|\\
418
                  \mbox{\ensuremath{\mbox{\tiny M}}}\xspace No ORCID present; no action done.
419
                  { }
420
                  {
421
                     \LinkToORCIDinAffiliations{\tl_use:N \l__affiliations_tmpd_tl}
422
                  }
423
            \mbox{\ensuremath{\mbox{\%}}} No database entry for author; no action done.
            { }
426
       }
427
(End\ definition\ for\ \_affiliations\_recover\_orcid:n.)
_{428} \langle /package \rangle
```