

# The VIAFbot Algorithm

Title, Persondata & Infobox data compared against VIAF records

The current statuses of the `{{Authority Control}}` and by interwiki-link corresponding German Wikipedia `{{Normdaten}}` templates are read.

A case is determined.

nd - normdaten; ac - authority control; vl - viaf->wikipedia link number

(xx) - template does not exist; |xx| - has template but no viaf parameter; |(xx)| -> (xx) or |xx|

Case	Statuses	Action
1	(nd)  , (ac)	AC template added VIAF parameter written
2	(nd)  ,   ac	VIAF parameter written
3	(nd)  , ac == vl	No writing necessary
4	(nd)  , ac != vl	Requires human attention. Nothing written
5	nd , (ac), nd == vl	AC template added VIAF parameter written
6	nd, (ac), nd != vl	Requires human attention. Nothing Written
7	nd,   ac  , nd == vl	VIAF parameter written
8	nd,   ac  , nd != vl	Requires human attention
9	nd, ac , nd == ac == vl	No writing necessary
10	nd, ac, nd == ac != vl	Requires human attention. Nothing written
11	nd, ac, nd != ac, nd == vl	Requires human attention. Nothing written
12	nd, ac, nd != ac, ac == vl	Requires human attention. Nothing written
13	nd, ac, nd != ac != vl	Requires human attention. Nothing written

Cases: 1, 2, 5, 7

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Cases: 4, 6, 10, 11, 12, 13

Write

Log, analyze, post

