Wikipedia Editor Drop-Off

A Framework to Characterize Editors' Inactivity

Marc Miquel i Ribé

Eurecat, Centre Tecnològic de Catalunya marc.miquel@ce.eurecat.org

Cristian Consonni

Eurecat, Centre Tecnològic de Catalunya cristian.consonni@acm.org

David Laniado

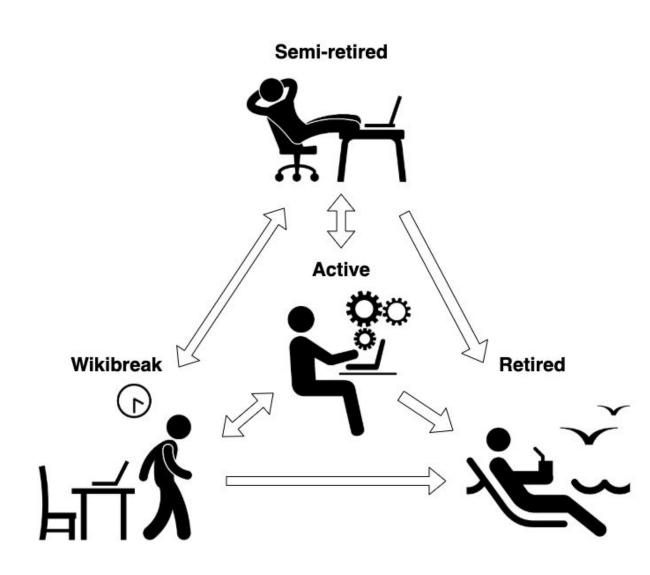
Eurecat, Centre Tecnològic de Catalunya david.laniado@eurecat.org

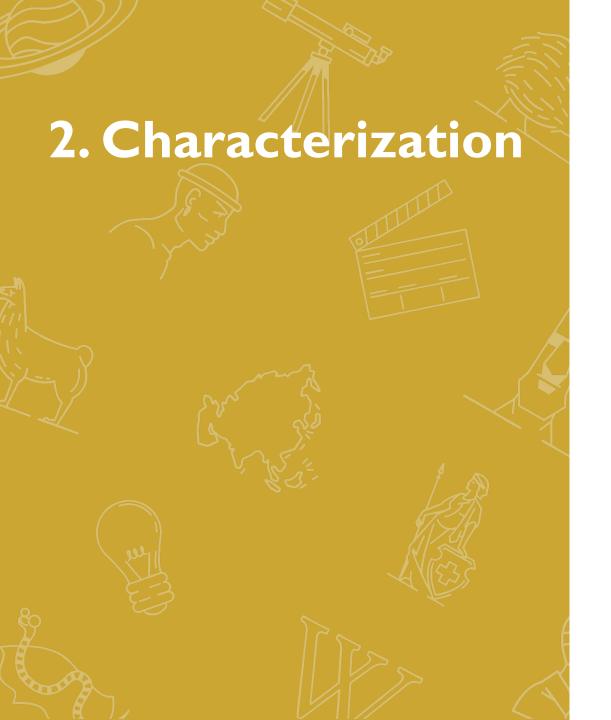


We know little about the process by which experienced editors leave.

1. States of Drop-off







Inactivity Metrics

o Fixed thresholds

90 days: minimum threshold for missing Wikipedians (en, de, zh); 180 days: flag removal for stewards; 365 days: 0% response rate from survey of editors who have left; 730 days: community review for admins (global policy)

- Thresholds for groups and individuals
- Activity Decrease Metrics

3. Main hypotheses from community and academic literature

- abrupt interactions or conflict with other editors
 - received reverts;
 - discussions;
 - controversial pages;
 - o role and activity restrictions;
- 2) excess in the number and spread of interactions
- 3) lack of interactions with editors with similar characteristics.

Characterizing drop-off and identifying the interactions that precede it

it may be possible to assess the **general community health**, and ultimately propose changes to improve it.

Wikipedia Editor Drop-Off

Thank you very much!





References (if you want to know more)

Jiang, L., Mirkovski, K., Wall, J.D., 0001, C.W., and Lowry, P.B. Proposing the core contributor withdrawal theory (CCWT) to understand core contributor withdrawal from online peer-production communities. *Internet Res.* 28, 4 (2018), 988–1028.

Konieczny, P. Volunteer retention, burnout and dropout in online voluntary organizations: stress, conflict and retirement of Wikipedians. *emerald.com*.

Sarasua, C., Checco, A., Demartini, G., Difallah, D., Feldman, M., and Pintscher, L. The Evolution of Power and Standard Wikidata Editors: Comparing Editing Behavior over Time to Predict Lifespan and Volume of Edits. *Computer Supported Cooperative Work (CSCW) 28*, 5 (2018), 843–882.

Zhang, D., Prior, K., and Levene, M. How long do Wikipedia editors keep active? *OpenSym '12: Proceedings of the Eighth Annual International Symposium on Wikis and Open Collaboration*, (2012).

Zhang, D., Prior, K., Levene, M., Advanced, R.M.C.O., 2012. Leave or stay: The departure dynamics of Wikipedia editors. *Springer*.