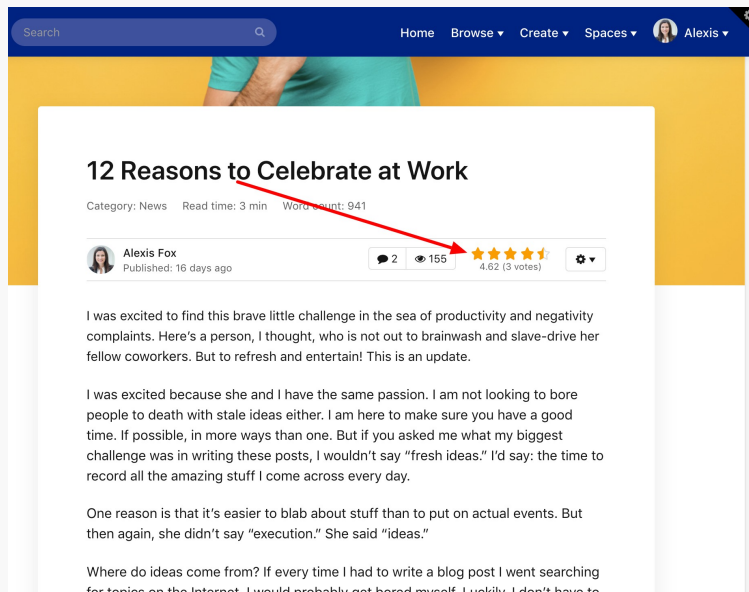


Rate Content

Version 11

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Average Rating Calculation

CommuniFire computes ratings for content using a Bayesian model, inspired by IMDb's "true Bayesian estimate". The model predicts the average rating for content with few ratings by using other data available to better reflect the true average. Ratings are calculated using the following formula:

$$(WR) = (v \div (v + m)) \times R + (m \div (v + m)) \times C$$

Variables:

- WR: weighted rating
- R: average for the resource
- v: number of votes for the resource
- m: average of the number of votes
- C: the average rating based on all resources

tags : member