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TOASTER: Times-Of-Arrival Tracker

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Publication date

2020

Document Version

Final published version

Published in

<http://ascl.net/>

License

Unspecified

[Link to publication](#)

Citation for published version (APA):

Lazarus, P., Bassa, C., Desvignes, G., Hessels, J., Verbiest, J., & Karuppusamy, R. (2020). TOASTER: Times-Of-Arrival Tracker. *<http://ascl.net/>*, 2003.009. <http://ascl.net/2003.009>

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ASCL Code Record

[[ascl:2003.009](#)] [TOASTER: Times-Of-Arrival Tracker](#)

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TOASTER is a pulse times-of-arrival (TOA) tracker. It stores reduced/folded observations, meta data, templates, parfiles, TOAs, and timefiles in an organized manner using an SQL database. TOASTER also provides a full-featured python toolkit for reliably interacting with the data and database, and provides scripts that, for example, list and summarize the TOAs in the data base, and generate TOA files in multiple formats. The framework can also be used to generate TOAs from observations using flexible and reproducible plugins referred to as "manipulators".

Code site: <https://github.com/plazar/TOASTER>

Described in: <https://ui.adsabs.harvard.edu/abs/2016MNRAS.458..868L>

Bibcode: [2020ascl.soft03009L](#)

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