

Full Name

Karuppiah Natarajan

Twitter handle (optional, used for mentions)

karuppiah7890

Affiliation (company or organization, if any)

ThoughtWorks

Short speaker biography

I'm Karuppiah. I'm an Application Developer. Recently I have been predominantly working in the infra space and developer tools space. I love creating cool command line tools and making the lives of developers easier and better, with no headaches. I also love to contribute to open source - by creating my own projects and also contributing to existing projects. All my projects are on GitHub - <https://github.com/karuppiah7890> . The recent biggest contribution that I am extremely proud of is - contributing to Helm.

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Yes

Talk title *

Smoothly upgrading Exporters with breaking changes

Talk description:

In this talk, I'm going to show how we upgraded our Node exporter from one version to another version with breaking changes in the metrics and how we managed to find the breaking changes in metric names and labels and finally fix all the usages of the metrics in our grafana dashboards. The whole talk will talk about the thought process, technique and automations that we used to do the upgrade. The audience can use these learnings to upgrade any exporter to a version with breaking changes

Additional (non-public) note to the selection committee

This work was done for a client project and as a one time thing, so our automation was very simple and basic and was done using bash scripts and nodejs scripts mostly. We plan to create

an open source go lang cli tool now based on the learnings of the downsides of our automation.
During the talk, we will use the cli tool to show the demo! :)