ID de Contribution: **4**   Type: **Non spécifié**

Tutorial on graphs in Julia

vendredi 6 octobre 2023 13:30 (30 minutes)

The Julia graphs ecosystem has emerged as a worthy competitor to alternatives in other languages (eg. Python's networkx), promising to combine ease of use with scalability. Unfortunately, it contains a large number of packages with very different purposes, and navigating them can be tricky at first. In this tutorial, I will provide an overview of the ecosystem, highlighting the general interface introduced by Graphs.jl and its numerous extensions. I will then demonstrate how optimization algorithms on graphs can be implemented, both with and without JuMP.jl.

Auteur principal: DALLE, Guillaume (EPFL)

Orateur: DALLE, Guillaume (EPFL)

Classification de Session: Julia & Graphs