

Open-source software usage in a geophysical software and services company

Nick Vlad, Fusion Geophysical

We show with examples from the activity and software "ecosystem" of Fusion Petroleum Technologies that open-source software can be highly useful in a commercial software and services company even at the high levels of the solution stack. We also discuss the fundamental differences of SU, SEPlib, Madagascar and CPSeis from an architecture point of view (standalone vs. flow-based), as well as their relative advantages and the reasons for using them in the way we do. An example of integrating these suites through GeoPRO is also shown.