Open Source; Et kollektivt løft for digitalisering og automatisering gjennom samarbeid

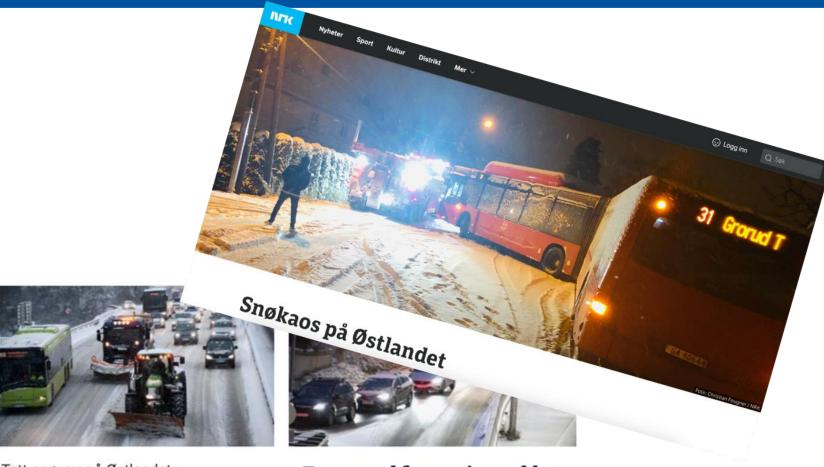
Brage Strand Kristoffersen

OG21 – 12. november 2019



Oslo - November



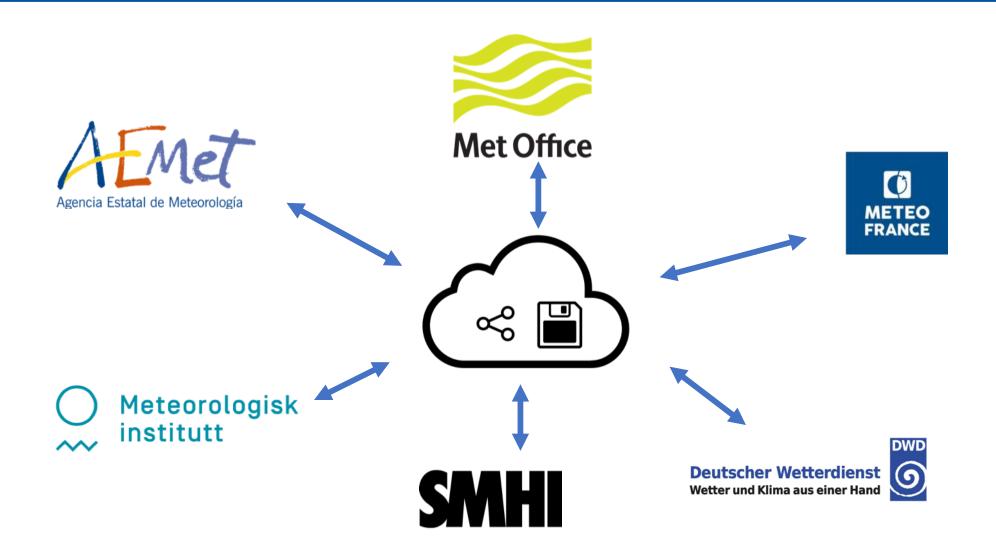


Tett snøvær på Østlandet: Snøfall gir kø, ulykker og flyforsinkelser

Farevarsel for snø i en rekke fylker i Sør-Norge - bilister advares



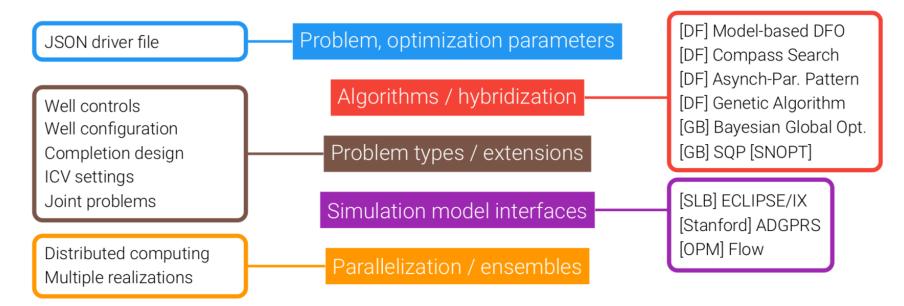
Sharing and storage





FieldOpt

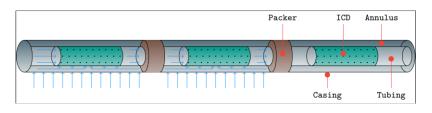
FieldOpt Programming Platform (C++)



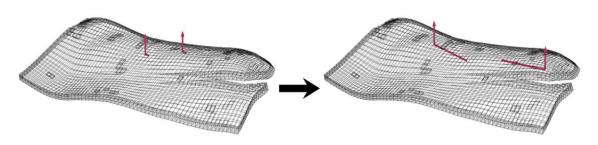


Applications

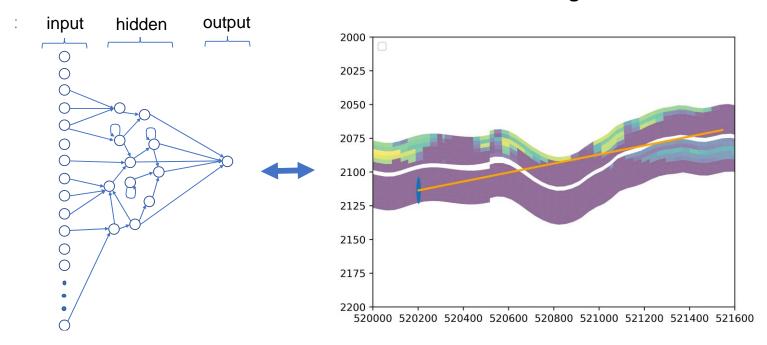
Packer and ICD optimization



Well placement

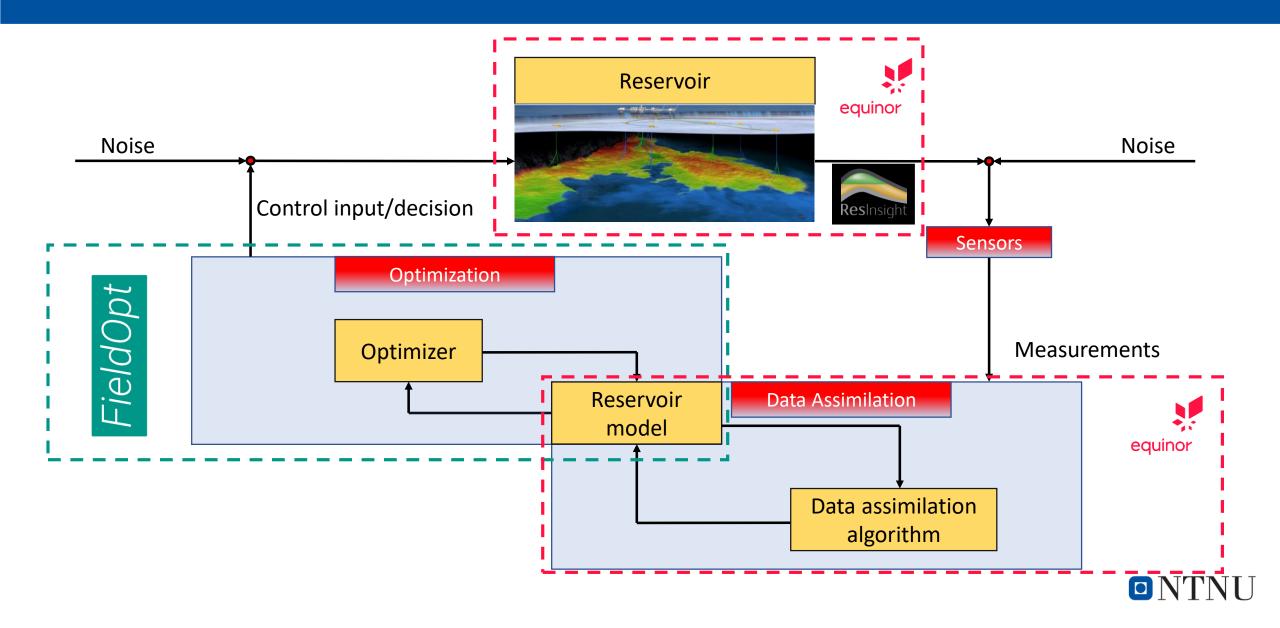


Neural network assisted: Geosteering

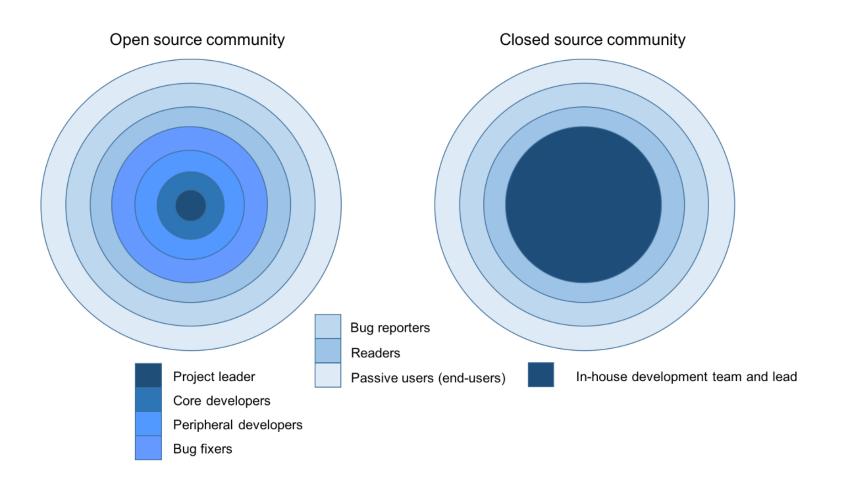




FieldOpt in close-loop reservoir management



Developer communities





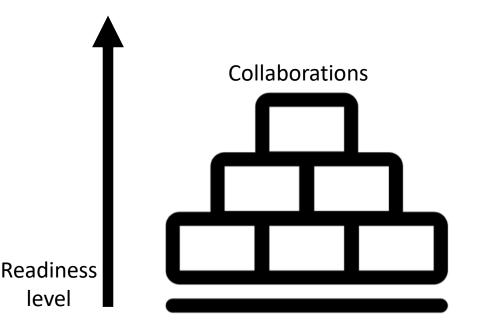
Benefits of using Open Source an open software model

Benefits:

- Significant cost reduction
- Better maintained
- Combine and customize what you need
- Easier to establish standards for data
- Innovation

Drawbacks:

- Usually worse GUI (User friendly)
- More challenging business models
- Structuring the development



Internal developments - Parallel





Tromsø - December





Thank you!

