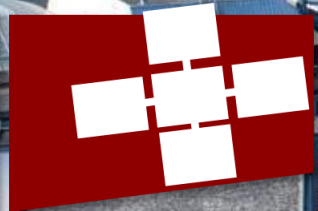


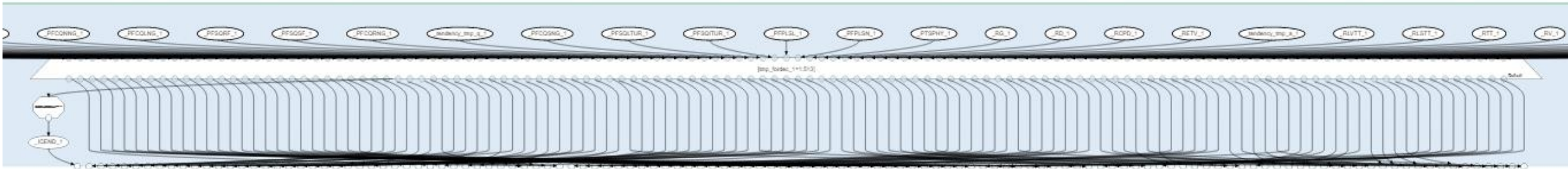
Alexandru Calotoiu

DaFIEEx



Fortran frontend prototype

- **CloudSC application**



- **Fully parallel SDFG – validates correctly in serial & parallel mode**
- **Better parallel performance than original code with 8 or more threads**
- **Automation complete.**

Challenges

- OpenMP functionality in C + Fortran configuration
- Build system issues – numerical stability
- .SO library integration