









- Classes
 - Inheritance
 - Contexts
- Recursions
 - Tail recursion
 - Indirect recursion
- Pointers
 - Unrestrictred arithmetic
- Stateful library calls
 - Automatic assessment
- Template programming
- Library nodes
- Encapsulation







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Engineering efforts







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Engineering efforts

Research efforts







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Encapsulation

F2DaCe challenges

- Generalized views
- Vector operations
- Labels & GoTo's
- Intrinsic function coverage
- Modern Fortran

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F2DaCe challenges

- Generalized views
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DaCe challenges

- Application-level ToGPU transform
 - + Associated transforms

Engineering efforts

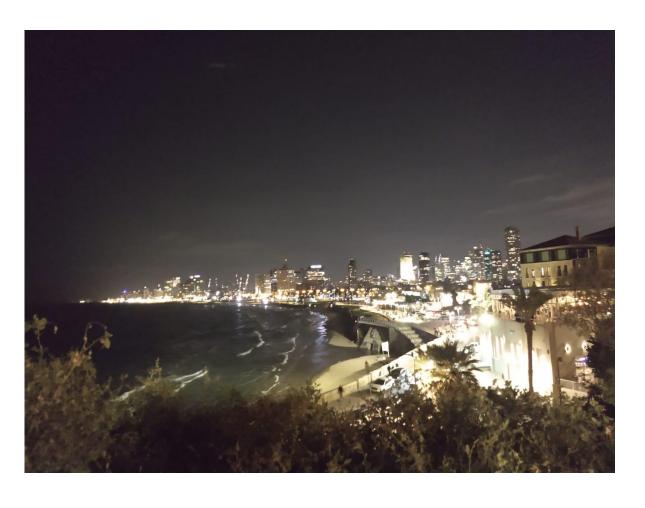
Research efforts







Lessons & conclusion from Tel Aviv



- F2Dace interesting to multiple groups
- MLIR is the future, but it's not quite productionlevel yet
- Performance modeling and hardware information will need to be integrated
- Tel Aviv and the conference there were great!