

# DTEC Software Technologies Pipeline

RoseBud Syntax  
Extended DSL support

Theories and  
Designs

TRL 3

Bamboo,  
PolyOpt

Research  
Prototypes

TRL 4

OpenTuner  
Simit, MSL,  
CodeThorn

Application  
Demonstrations

TRL 5-6

ROSE,  
Embedded DSL support,  
Halide,  
X-10 Runtime,  
Open Fortran Parser

Production  
Software

TRL 7

