

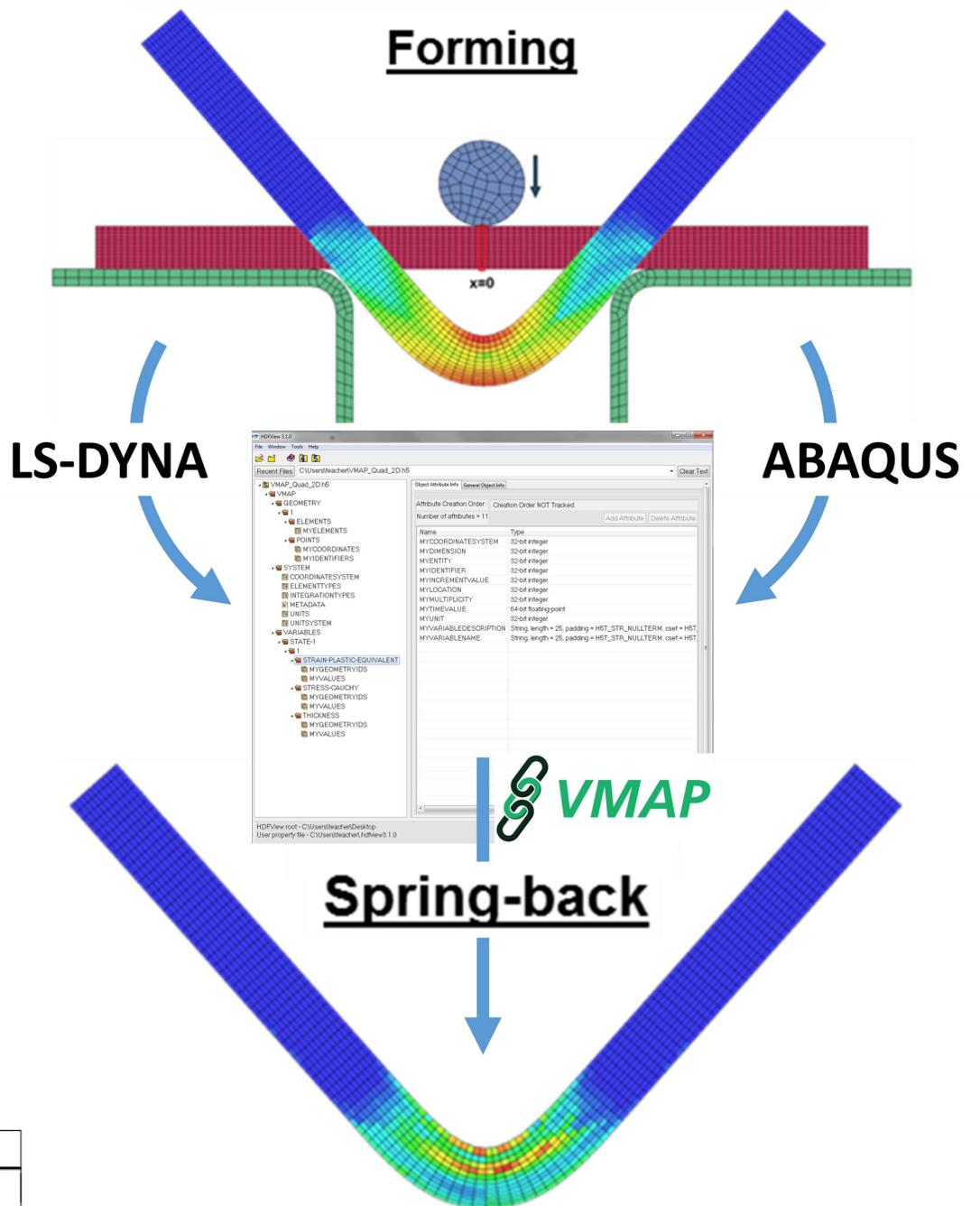
ENVYO supports VMAP v.0.5.2

ENVYO

- Stand-alone mapper
- Strong LS-DYNA background
- High variety of applications
- Format translator for VMAP
- Material dependent features

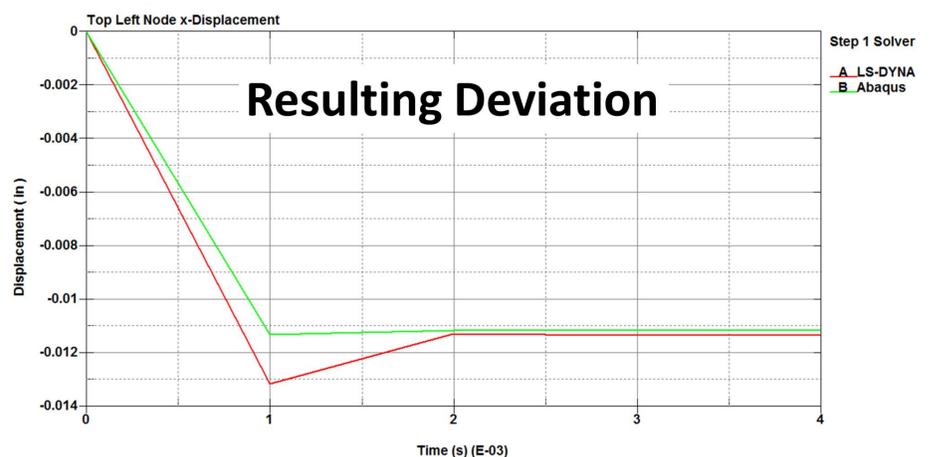
VMAP features supported:

- Nodes
- Elements
- State Variables such as stresses, strains, histories



Simulation Steps	Solver	Result (% error)
Single Step	Abaqus	-0.011311 in
Using Abaqus for Step-1, changing solvers for Step-2.		
Step-2	Abaqus	-0.0113148 in (0.03%)
Step-2	LS-DYNA	-0.011097 in (1.89%)

Simulation Steps	Solver	Result (% error)
Single Step	LS-DYNA	-0.0113 in
Using LS-DYNA for Step-1, changing solvers for Step-2.		
Step-2	LS-DYNA	-0.0113 in (0)
Step-2	Abaqus	-0.0112 inch (1.55%)



VMAP is available in Envyo® v1.0.12



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