

Webinar - Building tools using Python to visualize LS-DYNA simulation data

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■ Today's topic

- Background
- Brief introduction to the qd.cae.dyna Python library
- Hands on experience, I will walk you through of how I use the library to access data and how I tend to work when I develop postprocessing scripts
- Briefly introduce some other helpful and commonly used library's and data structure
- Show the DYNAmore Nordic developed python tools and scrips to get you started with developing your own tools
- Explain how you can get access to said tools



■ Why develop tools for LS-DYNA using Python


- Automate repetitive tasks
- Get consistency so that all evaluation and figures are done and look the same
- Reduce user error when dealing with manual tasks
- Open the possibility to do more advanced postprocessing which might for example require a high data sampling rate
- To licensing cost related to the Python programming language
- Access to other Python tools and libraries that might be useful



■ DYNAmore Nordic Python toolbox

- Toolbox have grown from previous work and projects
- Provide a good starting point
- Intuitive data structure to work with
- Read and plot data without the need to write a lot of code

Live demo

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- A recording of this webinar will be uploaded to our client area
 - Getting access to the tools:
 - The tools will only be distributed to our costumers
 - You will have to sign a license agreement, this is done digitally
 - After we have received a signed license agreement you will obtain instructions on how to download the tools
 - So to start the process of getting access the tools send an email to support@dynamore.se

Thank you!



Your LS-DYNA distributor and
more

