

PSpice: What's New in Release 17.4-2023

Product Version 17.4-2023
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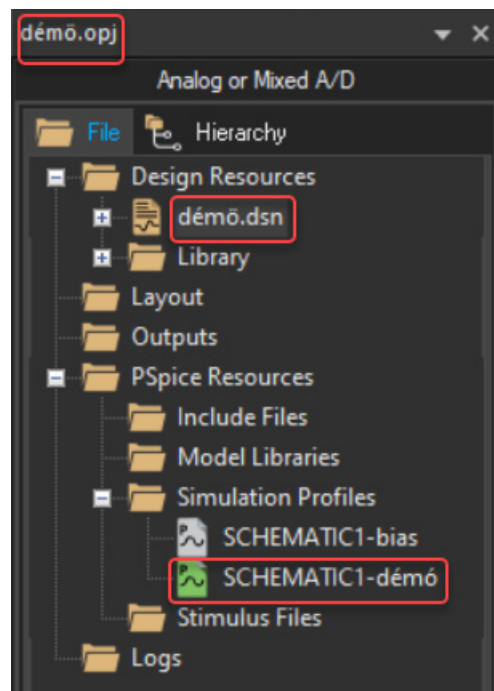
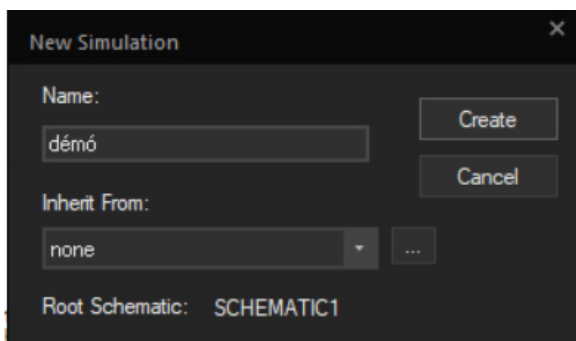
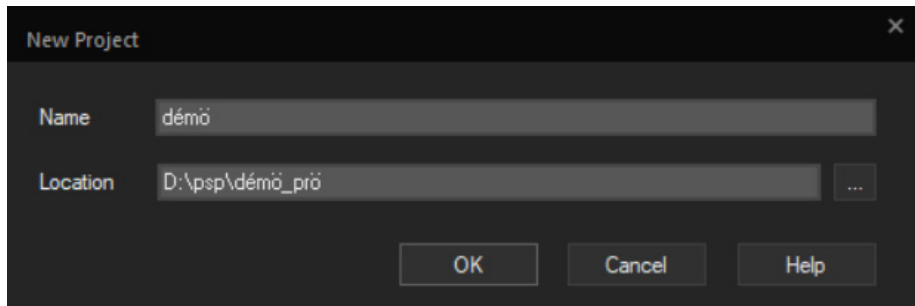
What's New in PSpice 17.4-2023

This chapter describes the following enhancements in release S009 of PSpice for TI.

- Support for Accented Characters and Spaces in Names and Locations
- Enhanced TI Library Update Process
- Improved Convergence and Performance in Pseudo-Transient Analysis
- Windows 11 Support

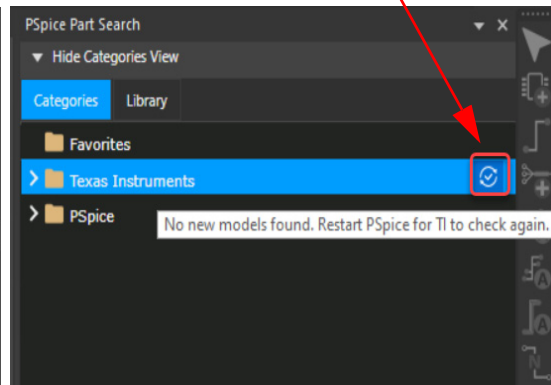
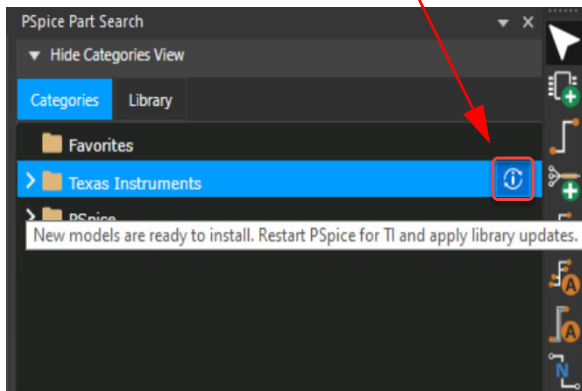
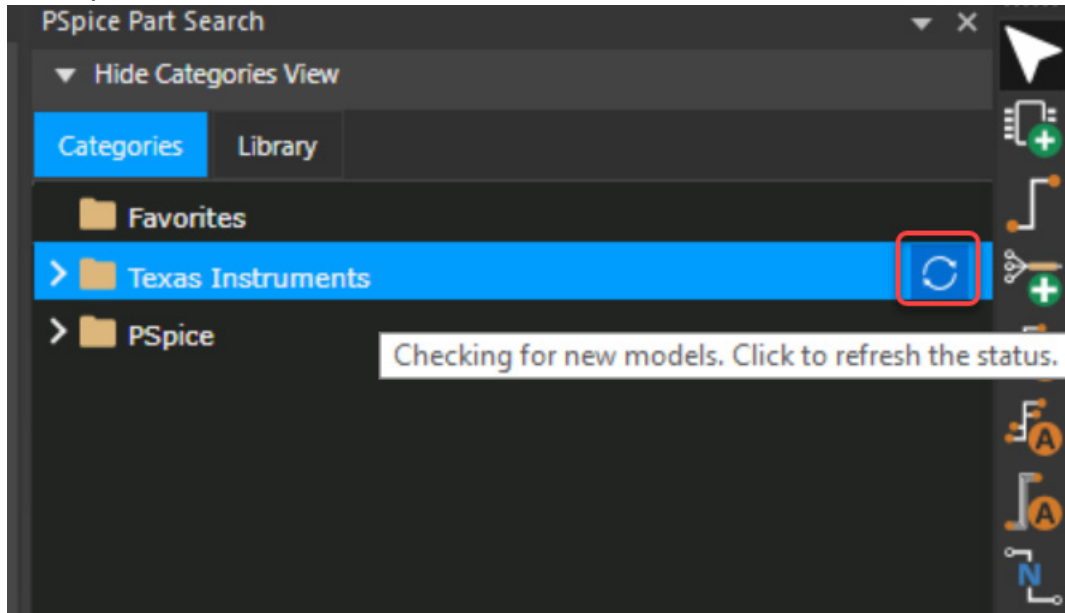
Support for Accented Characters and Spaces in Names and Locations

You can now use space accented characters and spaces in project names, simulation profiles, and project locations. The following accented characters are supported: í, ú, á, ó, é, ä, ë, ì, ö, ü, ÿ, ã, ñ, õ, ß, å, ç.



Enhanced TI Library Update Process

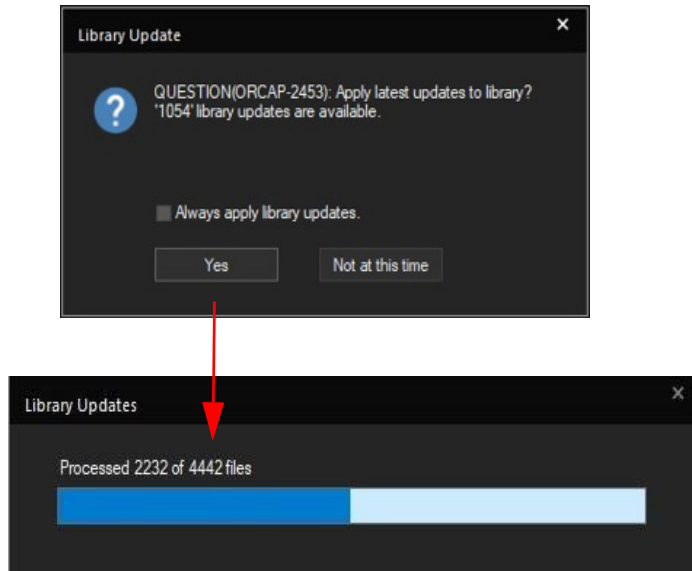
You can now view the status of the TI library updates, check for new updates, and update the library, if required.



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When you apply the latest updates to the library, a progress bar is shown with the status of the update.



Improved Convergence and Performance in Pseudo-Transient Analysis

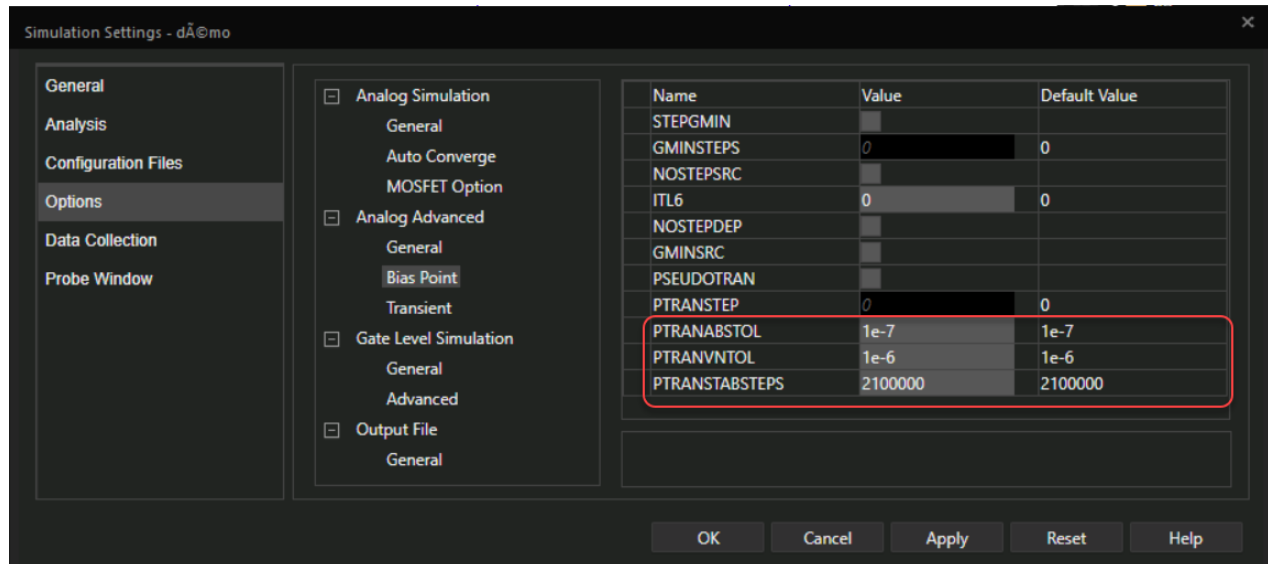
The following *Analog Advanced* options are added in pseudo-transient analysis this release to improve convergence:

- PTRANABSTOL: Pseudo-transient algorithm uses this value to determine the stabilizing criterion for capacitor currents. The default value is $1e-7$.
- PTRANVNTOL: Pseudo-transient algorithm uses this value to determine the stabilizing criterion for inductor voltages. The default value is $1e-6$.

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- **PTRANSTABSTEPS**: Sets the maximum number of times a pseudo-transient algorithm is run to check the stability of a capacitor and an inductor before flagging a convergence error. The default value is 2100000.



Windows 11 Support

Windows 11 is now one of the supported platforms for PSpice for TI