
Autodesk® PowerMill®

Reference Help

PowerMill Project Server



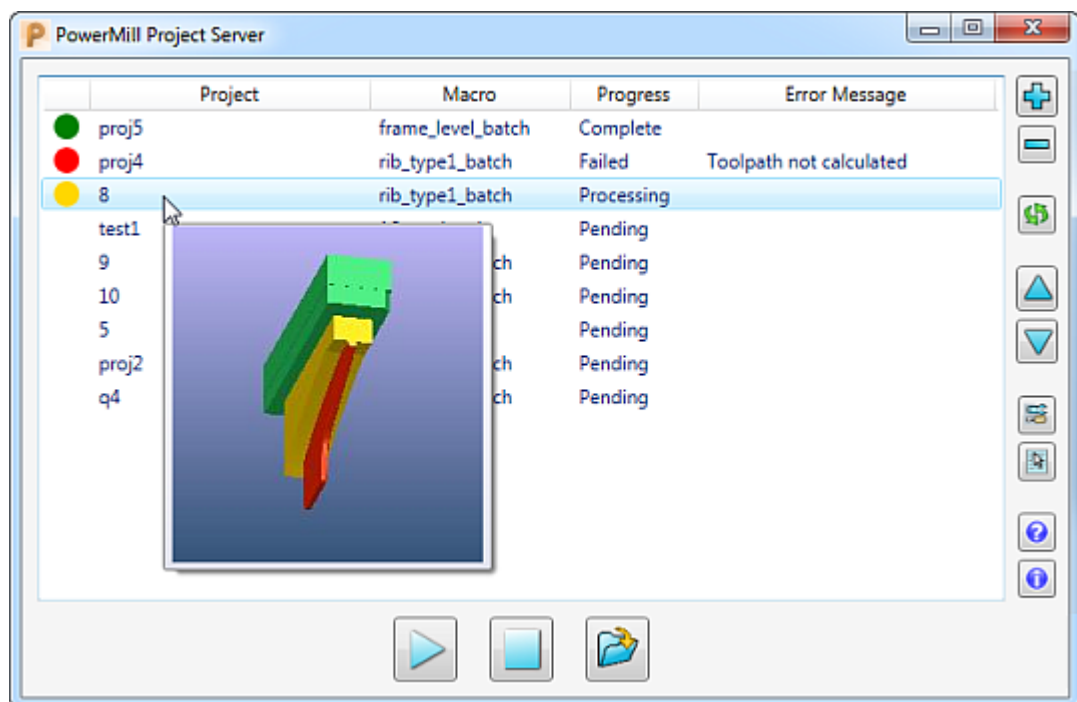
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PowerMill Project Server

Use the PowerMill Project Server to organise and process queued projects.

To display the server, double-click the server's desktop icon.













The server has these main features:

- You can add projects to the server via wizards, such as the Electrode Machining Wizard, or from your PC or network.
- Projects are listed in the order they are queued to the server but you can reorder the projects.
- The server enables you to assign or change a project's macro (machining strategy).
- To process the projects, the server uses its own PowerMill session so you can continue to work in your current PowerMill session without interruption.

- The project server shows the status of a project:
 - — Project currently being processed.
 - — Project successfully processed.
 - — Project unsuccessfully processed.
- If a project fails to be processed, the cause of the failure is displayed in the **Error** column and the server continues to process the next project. If you want to correct the error immediately, you can stop the server and open the project in PowerMill. You can then refresh the project and reprocess it.
- When you stop the processing of projects, the server maintains its position so, when restarted, processing continues from where it was stopped. The queue and the server position are also maintained across sessions.
- For a project to be processed successfully, the toolpaths must be free of collisions and gouges, and the project must be processed fully. If necessary, you can load a custom validation macro with different and/or extra criteria to check the projects against.

The server features the following options:

-  **Add** — Click to add a single project or a folder of projects to the queue. The server ignores any duplications.
-  **Remove** — Click to remove selected projects from the queue.
-  **Refresh** — Click to update the project after making changes to it in PowerMill.
-  **Move up** — Click to move the selected project up in the queue.
-  **Move down** — Click to move the selected project down in the queue.
-  **Options** — Click to display the **PowerMILL Project Server Options** (see page 3) dialog.
-  **Set macro** — Click to display the macro file that is assigned to the selected project. This enables you to change or specify the macro (machining strategy) for a project.
-  **Display help** — Click to display the **PowerMILL Project Server** help.
-  **About** — Click to display version information.
-  **Start** — Click to start calculating projects.




Stop — Click to stop calculating projects. The server maintains its position and restarts in the same place. The queue and the server's position is also maintained across sessions.

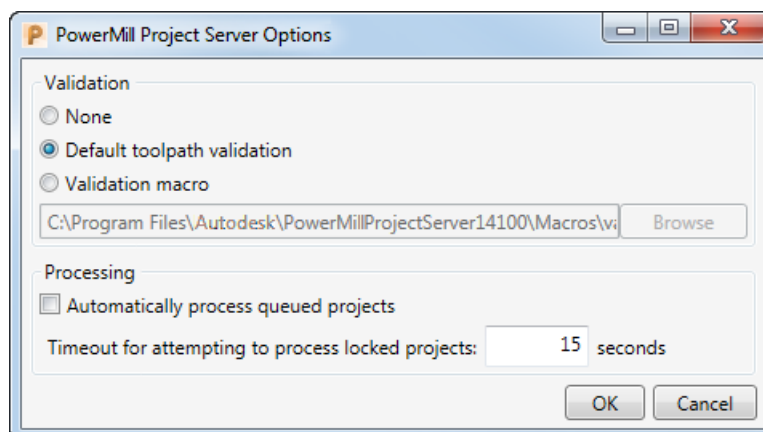


Open — Click to open the selected project in PowerMill. This is useful if you need to fix an error that caused the processing of project to fail.

PowerMill Project Server Options dialog

Use the **PowerMill Project Server Options** dialog to customise the server.

To display the dialog, click **Options**  on the **PowerMill Project Server** dialog.



The validation options enable you to set the criteria used to assess whether a project is considered safe to be machined and, therefore, if the project is processed successfully or not.

- **None** — Select this option if you do not want to check projects.

- **Default toolpath validation** — Select this option to use the server's default validation criteria, which checks that toolpaths are free from collisions and gouges and the project has been processed fully.
- **Validation macro** — Select this option to use your own validation macro.
- **Automatically process queued projects** — Select this option to automatically process projects that are queued to the server.
- **Timeout for attempting to process locked projects** — Specify how long the server waits before trying to process the project again. This enables you to close the project in PowerMill because if the project is open then it cannot be processed.

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