

Feature Recognition Tool for Pro/ENGINEER®

Frequently Asked Questions

What is Feature Recognition Tool (FRT)?

Feature Recognition Tool (FRT) offers Pro/ENGINEER Wildfire 4.0 users the ability to replace imported surface geometry with Pro/ENGINEER features.

Are there licensing requirements for FRT?

FRT is a plug-in application for Pro/ENGINEER Wildfire 4.0 (C000) and later. It is available to Pro/ENGINEER customers with a PTC.com account.

What is the purpose of FRT?

FRT addresses the needs of Pro/ENGINEER users who must work with imported data, but need the feature rich content of native Pro/ENGINEER features. Generally these Pro/ENGINEER users are attempting to leverage third-party CAD data in down-stream product development tasks such as analysis or manufacturing. FRT is not a remodeling/remastering tool and is not designed to completely reverse engineer an import feature. FRT dramatically speeds the process of replacing import geometry with content rich Pro/ENGINEER features.

What does FRT support?

FRT is only available for parts with imported features. Imported geometry must be solidified before FRT can recognize and replace geometry with Pro/ENGINEER features. FRT can recognize and recreate the following features.

- Extrude
- Slot (an extrude feature that crosses the edge of the part)
- Simple Holes
- Chamfers
- Rounds
- Patterns of holes

Please refer to the [help](#) documentation for more details.

How do I get and install the Feature Recognition Tool?

Customers can download the plug-in from the [free downloads](#) page of PTC.com. Installation instructions are available in the [help](#) documentation.

What are the platforms supported by FRT?

In Pro/ENGINEER Wildfire 4.0, FRT is a Windows only application. UNIX support is under consideration for Pro/ENGINEER Wildfire 5.0.

Can I use FRT with Pro/ENGINEER Distributed Pro/BATCH?

No, FRT relies heavily on user interaction and thus cannot be supported by Pro/ENGINEER Distributed Pro/BATCH.