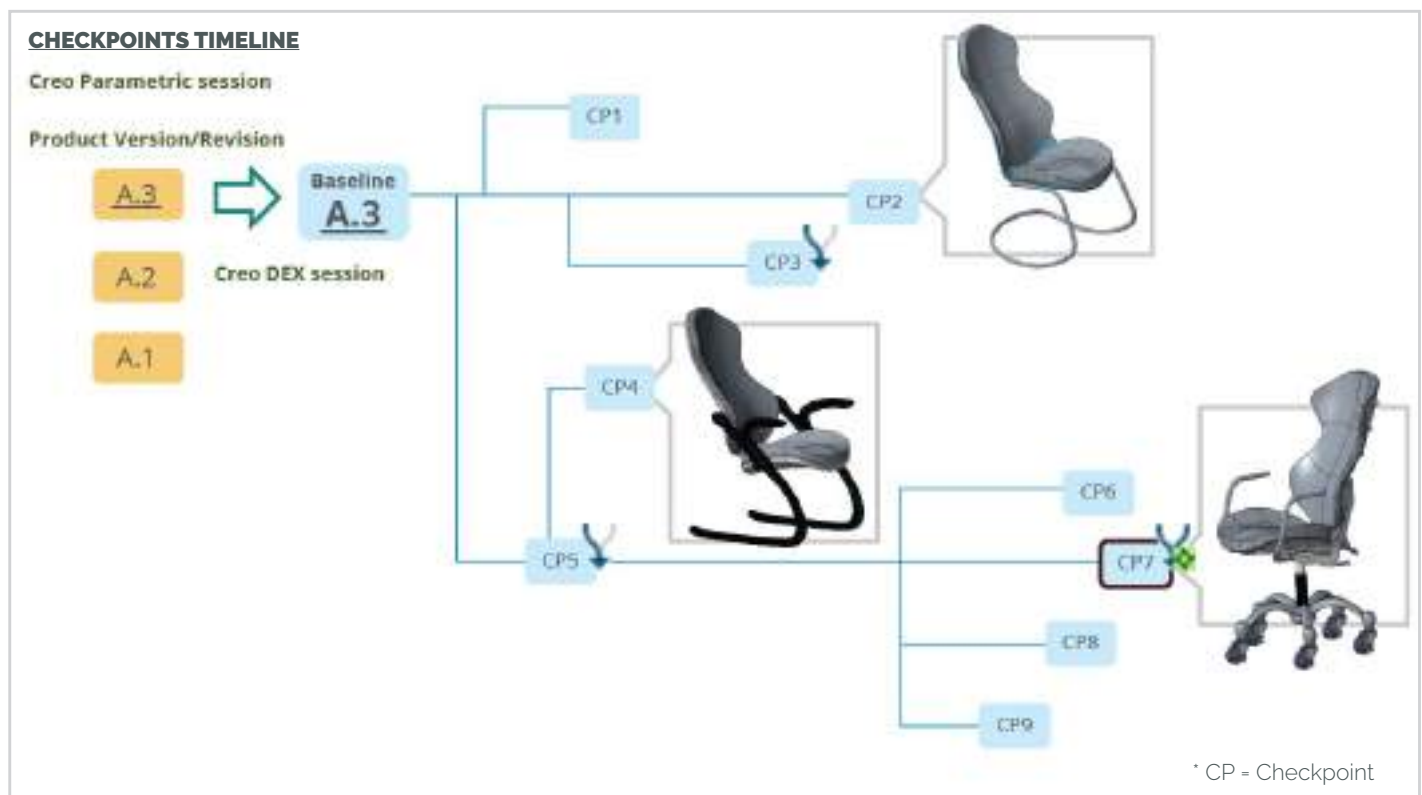


Creo® Design Exploration Extension

Explore and evaluate multiple design ideas in a safe and manageable environment before committing to final decisions

Creo Design Exploration Extension (DEX) is a dedicated tool for enabling the quick and easy investigation of alternative concept designs within the parametric environment. Using "checkpoints" Creo DEX eliminates the need to manage multiple versions of data and allows designers to move seamlessly back and forth between design branches.



Creo DEX allows users to switch back and forth between stored checkpoints enabling exploration and evaluation of different design ideas.

Quickly and easily explore different design methodologies

Creo (DEX) enables users to quickly and effectively evaluate design alternatives and determine the most effective modeling approach. Furthermore, if a user explores a design path but determines it is not the most effective, they can quickly revert back

to an earlier saved "checkpoint" without having to completely recreate the model. By supporting an evolutionary concept design process, Creo DEX streamlines the workflow from weeks to days.

Evaluate multiple design concepts

Changing a product design and exploring new ideas is a technical challenge, especially when developing complex systems with many interdependent components. Typically, this process involves manual backup of models to ad-hoc folders, a repeated closing and cleaning session, and manually revisiting and reviewing iterations until making a decision. Creo DEX helps you work through the process of changing, ideating, and evaluating new designs with an innovative, robust, and intuitive tool made specifically for that purpose.

Key benefits:

- Explore design changes safely without risking original designs or committing to any change
- Simultaneously develop different ideas and evaluate all options before making decisions
- Eliminate manual data duplication and tedious session clean-up for loading and reloading different versions
- Browse exploration checkpoints in a "decision tree" for interactive design review
- Effortlessly switch back and forth between design ideas

Capabilities and specifications:

- Snapshot entire design session: Create instant backups of all models about to be explored allowing the user to return to the starting point
- Capture incremental changes
- Instantly toggle between checkpoints



Changes captured in different checkpoint branches can now be merged.

- Split designs into different directions:
 - *Switch back and forth between stored checkpoints or create new ones without losing any information*
 - *Use unlimited number of design "splits" in checkpoints to explore and evaluation different design ideas*
- Checkpoint handling includes ability to merge two or more checkpoints
- Store exploration content in a single encrypted and compressed file for documentation purposes and future use

The Creo Advantage

Creo is the 3D CAD solution that helps you accelerate product innovation so you can build better products faster. Easy-to-learn Creo seamlessly takes you from the earliest phases of product design to manufacturing and beyond. You can combine powerful, proven functionality with new technologies such as generative design, augmented reality, real-time simulation, additive manufacturing and the IoT, to iterate faster, reduce costs and improve product quality. The world of product development moves quickly, and only Creo delivers the transformative tools you need to build competitive advantage and gain market share.

Language support

English, French, German, Italian, Korean, Japanese, Russian, Spanish and Chinese (Simplified and Traditional).

Platform Support and System Requirements

Visit the [PTC support page](#) for the most up-to-date platform support and system requirements.

For more information, please visit: <http://www.ptc.com/product/creo/> or contact a PTC sales representative.

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