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## PTC Product Focus

### New for Wildfire 4.0 – Feature Recognition Tool (FRT)

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## PTC Product Focus

### Workgroup Manager for ECAD

#### What is Workgroup Manager for ECAD?

Workgroup Manager for ECAD is a Java application that communicates with a Windchill server to access or store electronic design data. It provides ECAD-application integration to Windchill PDMLink or Windchill ProjectLink.

Workgroup Manager for ECAD enables Windchill users to directly manage engineering information and create structures and assemblies in an integrated product data management (PDM) environment.

You can build enterprise-level product information models by creating association links between ECAD objects (boards, assemblies, schematics, and filegroups) and Windchill objects and product structures. Enterprise objects managed by Windchill can contain additional information defining the product data model (such as technical specifications, process plans, routing documents, and engineering change orders).

Workgroup Manager for ECAD ensures engineering data security and automatically makes this information available to other applications in the Windchill environment.



## Tips of the Month

### Activate Layer, Autorounds and Holes in Pro/E Wildfire 4.0

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## Tips of the Month

### Creating and Using Bookmarks in InterComm

In InterComm, please review Help>Contents> Bookmarks - This section fully explains the functionality and usage of Bookmarks. The following is an introduction of using bookmarks.

#### Key Terminology:


**Bookmark Files** - Files that preserves user comments (Notes/Redlines), Bookmarks and Classes.

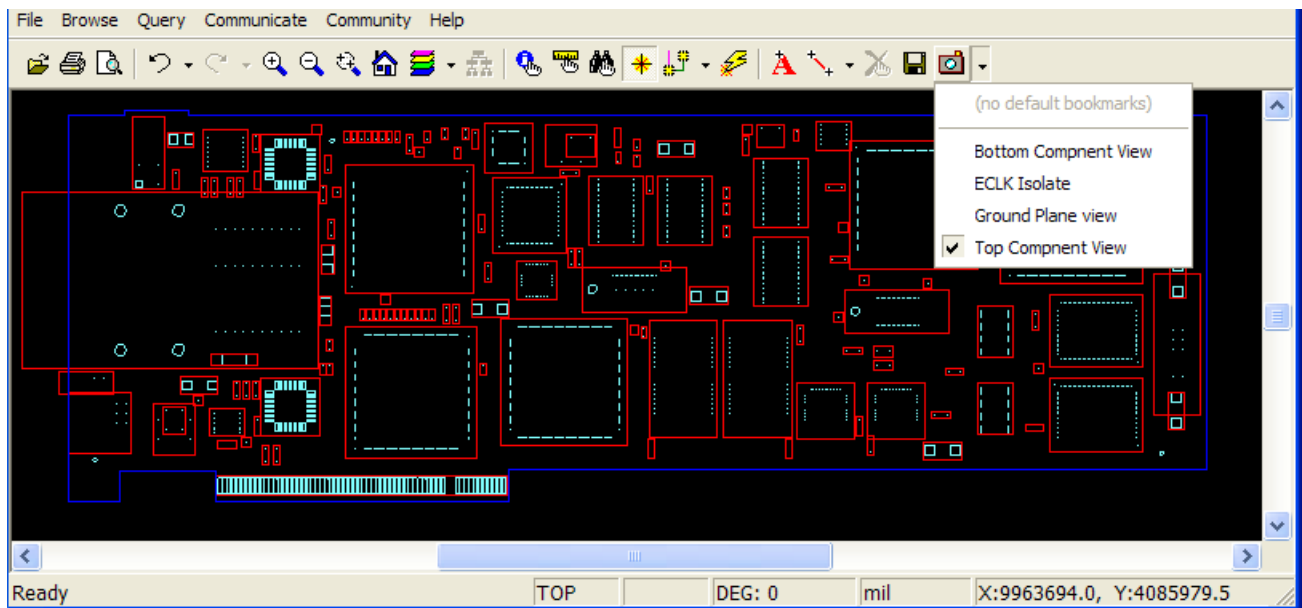
**Redlines/Notes** - User defined text and simple graphics meant to be displayed against specific design data.

**Bookmarks** - User defined states of InterComm™ and its run-time database.

**Default Bookmarks** - Bookmarks loaded automatically from a default Annotation file called “*intercomm.imx*”.


#### 1) Loading a Bookmark File

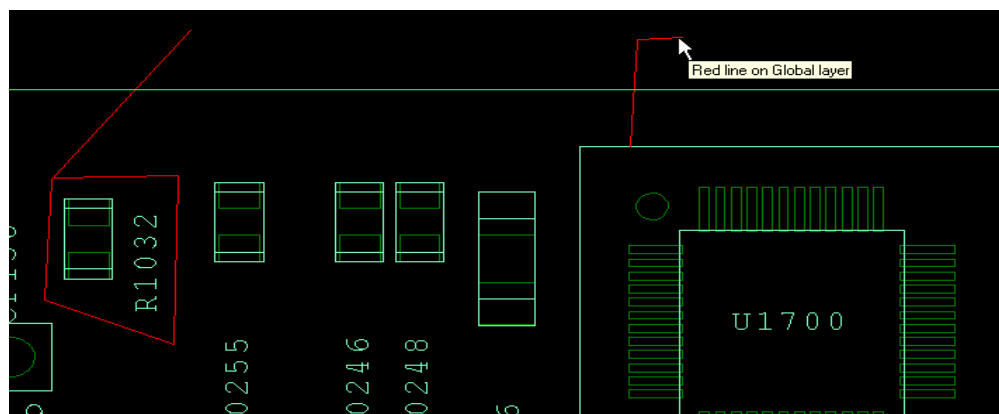
- a) Go to **Communicate > Load Bookmarks**. Load the bookmark file [\*.imx].
- b) Review the Bookmarks contained in the loaded Bookmark File by using the pull-down on the **ScreenShot** icon . All of the bookmarks contained in the file can be easily accessed here. Additionally, they can be loaded by double clicking on them in the Insert/Edit bookmark command.




Notice in the screenshot above, **InterComm** loaded a bookmark by default (“Top Component View”) when the Annotation file was loaded. The currently loaded **Bookmark** will have a “check mark” located to the left of its name in the **Home** pull down. The other Bookmarks may be accessed by clicking on their names in the **Home** pull down, or the **Page Up** and **Page Dn** keys may be used to scroll through the Bookmarks.

## 2) Creating a Redline markup.

- a) Click on **Add Redlines** , and use the left mouse button to draw a redline to identify an object. Terminate draw with the right mouse button. A single line can be drawn to point out an object, or an area can be drawn using multiple lines.



### 3) Adding Notes

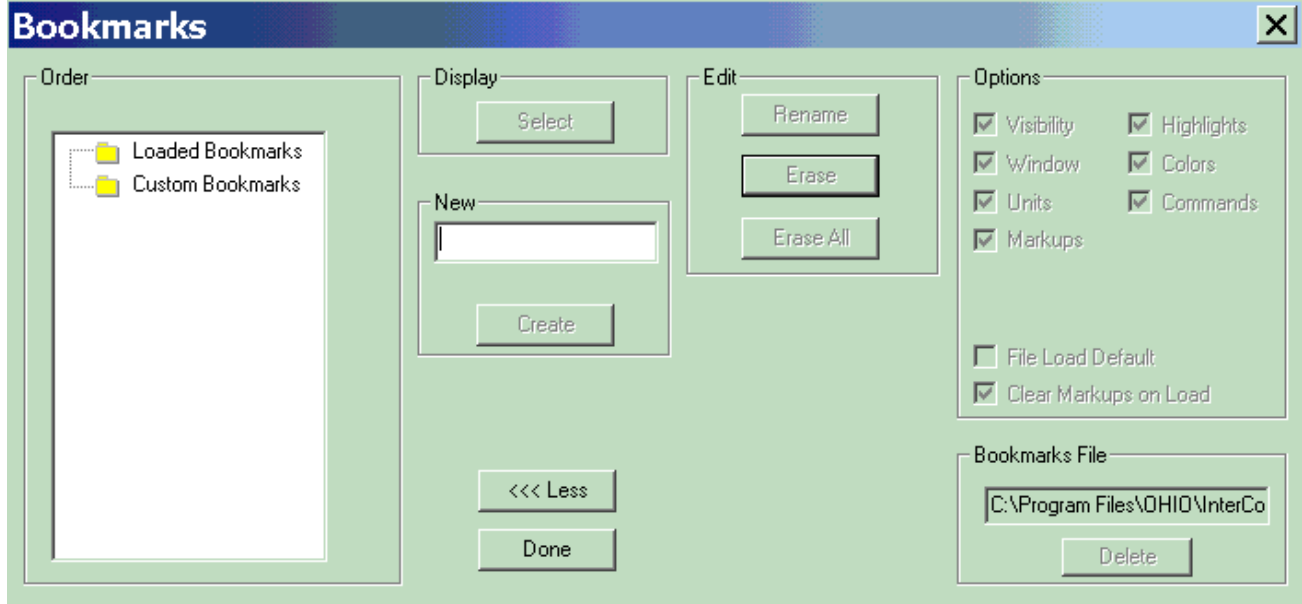
- a) Click on **Add Note** . Write a note and move the cursor back to the design. Notice the white text placement box is the exact length of the Note. Place the Note with a left click. The font can be forced to a user-selected size, or it can be automatically sized by clicking the **Fit** button before placing the text. The pull-down arrow can access all font type and sizes that the user enters in a single session.
- b) Select **Done** to close the Add Note dialog box.

### 4) Creating a custom Bookmark

The next step is to create a Custom Bookmark, saving the current view, Redlines and Notes. (This will allow the user to easily select this bookmark to recall this view, Redlines, and Notes.)

Creating Bookmarks

- a) Press the Insert button on the keyboard to invoke the Edit Bookmarks and press the >>> More button.



### 5) Overview of Options:

These options can be included in the Bookmarks if checked.

**Visibility** – Stores current Layers and Sub-layer visibility.

**Window** – Stores current Zoom factor and Scroll locations.

**Units** – Stores current Units including Precision and Offset.

**Notes/Redlines** – Stores current Redlines and Notes, regardless of visibility status.

**Highlights** – Stores current Highlighted objects, regardless of visibility status.

**Colors** – Stores current Colors, regardless of visibility status

**Commands** – Stores current states of Commands.

**File Load Default** – Marks a bookmark as a default state of InterComm™. When a bookmark is set to be the “File Load Default”, InterComm™ will auto load this bookmark each time the annotation file is loaded into InterComm

- a. Specify the name of the new bookmark by typing the name in the **New** field.
- b. Ensure the **Options**, you would like are checked; **Visibility, Window, Units, Notes/Redlines, Highlights, Colors, and Commands** are checked by default.
- c. Click the **Create** button; this will place the Bookmark in the **Order** list and in run-time memory.
- d. You can **Delete all Notes/Redlines** with the Backspace key.
- e. To recall a Bookmark - Click on **Select Bookmark**, the arrow next to the Home icon, and select it.

## 6) Sending Bookmarks

Bookmarks are instantly created and e-mailed to other users with the **ScreenShot** command. This command has to be setup to do this. The command automatically creates a new Bookmark that reflects the current state of InterComm. It then creates an associated Bookmark file and attaches it to e-mail message. Once an addressee receives this e-mail, the attached Bookmark file can be invoked (with double click or drag/drop) to start a local InterComm session. They can also be saved for future use.

All interactions with e-mail are subject to the capabilities and configurations of the local e-mail software.

The auto-generated Bookmark file always includes the new Bookmark as well as the associated design path. The following naming rules are used in order to avoid name conflicts:

Bookmark:*design\_\_user\_YYMMDD\_HHMMSS* (ex: PcbLayout \_jde\_010112\_135832)

Bookmark file: *design\_YYMMDD\_HHMMSS* (ex: PcbLayout\_010112\_135832)

## 7) Saving Bookmarks

Annotation files are created with the **Save Bookmarks As** command. This can be used to consolidate Bookmarks loaded from several sources into one Bookmark file. In addition, the command offers the following controls:

- All Existing Data -** Option to include all Bookmarks currently loaded in the design
- Current View as a Bookmark -** Option to save just the current view as a Bookmark in an annotation file.
- Link to Design File-** Option to include a link to the design file in the annotation file
- Save -** Button to select name and location of the Bookmark file. All file names are acceptable as long as they use an “imx” extension.

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## Announcements

### Educational Resource Library

Learn things you always wanted to do - but didn't know you could.

This one stop educational resource library will help you learn more about PTC Solutions and provide you with technical materials developed by the product experts to help you become more productive.

Get tutorials, how-to videos and expert advice for:

- Pro/ENGINEER
  - Conceptual and Industrial Design
  - Detailed Design
  - Simulation/Analysis
  - Production
  - Design Collaboration
- Windchill PDMLink
- Windchill ProjectLink
- Pro/INTRALINK
- PTC Online Tools

Check out the [Educational Resource Library](#) today.

### PTC Tips & Techniques Newsletter Archives

Miss an issue! Can't find that awesome technique you read about? Fear not, you can click on the link below and go through our Customer PTC E-Newsletter archives.

[Click Here To Access](#)

It's better than finding the Ark of the Covenant!

### PTC Tips & Techniques Webcasts: Work Smarter. Not Harder.

Click below to see regularly scheduled Tips & Techniques technical Webcasts that are designed to provide you with the most popular time-saving tricks that Pro/ENGINEER users of all skill levels will find useful. Get more out of your maintenance dollars!

[Tips & Techniques: Work Smarter Not Harder!](#)

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### **E-PROFILES IS HERE!!**

We have been eagerly anticipating the debut of the new electronic version of Profiles Magazine and now it is here! This new web site will supplement the print edition of the magazine and will

provide new useful features not feasible with paper media. e-Profiles will provide you with 24x7, worldwide access to key information previously available exclusively in the print version. "Tips & Tricks," a popular feature pioneered by Pro/USER, has also moved to the web and will be expanded as the site matures.

Please take a few minutes to check out this new web site. We don't think you will be disappointed.

<http://profilesmagazine.com/>

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## Upcoming Events & Training Class Schedules

Upcoming, 2008                      Your local Pro/Engineer User Groups  
<http://www.ptcuser.org/rugs/>

June 1 – 4, 2008                      Long Beach, CA USA  
PTC/USER World Event  
<http://www.ptcuser.org/>

### Events

Our seminars and conferences seek to provide you with relevant information regarding product development trends in your industry as well as innovative software learning experiences. Think of them as a constructive day off where you can share experiences and swap ideas with your peers.

If you can't manage to get away, we'll bring it to you. Check back often for regularly scheduled live webcast events.

[You're Invited to Attend...](#)

Please visit the [PTC Education Services](#) website for the latest training information including course descriptions, schedules, locations, and pricing.

- Attend a course at any PTC Center and receive a **free** copy of Pro/ENGINEER Wildfire Student Edition!

<http://www.ptc.com/services/edserv/index.htm>

### Live Instructor-Lead Virtual PTC Training Courses

Virtual Classrooms provide interactive learning with a trained PTC instructor in convenient and manageable sessions that last approximately 4 hours over a series of days. It's easy to join a class right from your desk using a phone or voice-over IP technology.

Sessions are performed just like a traditional ILT (including interactive exercises where you and the instructor can work on lab exercises together) and feature some of our most popular ILT courses. These sessions cover the exact same material as the traditional ILT in-center courses. Also look for some of our most frequently requested mini-topics delivered in the same format that are only an hour - two hours in duration.

If you have any questions about these sessions or would like to see getting other courses, not on this list, on the schedule please feel free to contact me for more details. They are a great way to bring training to you without you having to worry about location or being out from work for long stretches.

You can register for these sessions just as you would for any normal ILT class either by:

1. calling order admin at <http://www.ptc.com/services/edserv/training/registra.htm> or
2. you can go to PTC University directly at <http://www.ptc.com/learning> and submit a registration request directly. All you have to do is search the catalog by typing in “virtual” in the search field and you will see a listing.

## PTC

**Note:** This PTC E-Newsletter will continue to be used for the following:

- 1) Inform you on events related to PTC products (user groups, conferences, training schedules, etc.)
- 2) Educate you on solutions that are available at PTC
- 3) Tips & Techniques using PTC Products

**Note:** These messages are compiled in the local PTC office and will be distributed via e-mail.

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