

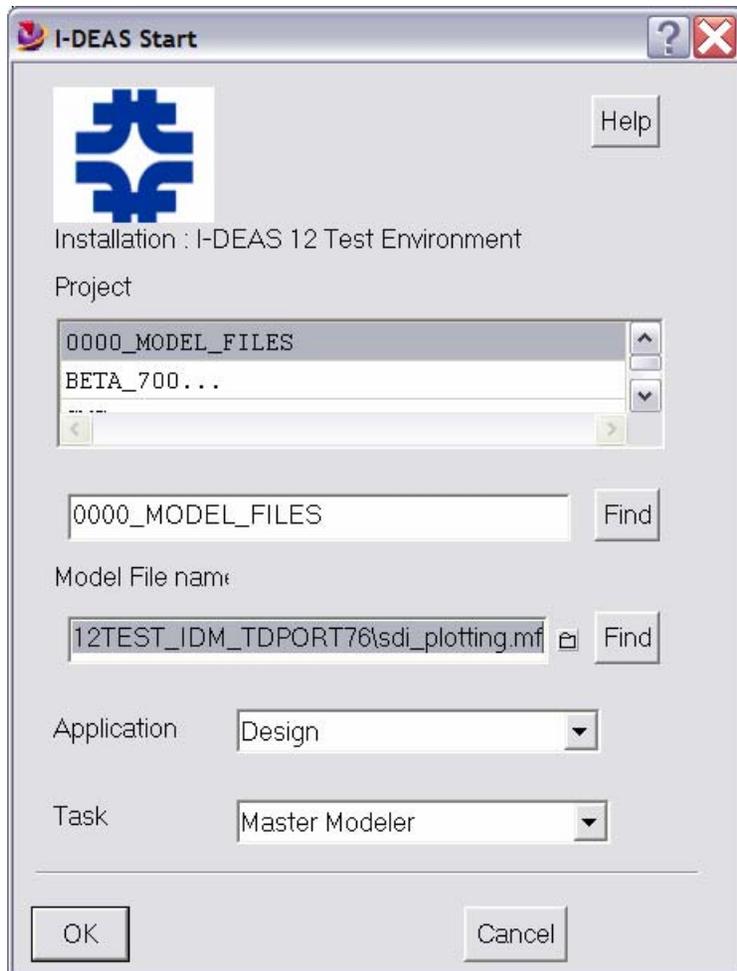
# I-DEAS User Group Meeting

17 May 2006

## Agenda

1. I-DEAS 12 Customizations  
for Fermilab
2. Q & A

# I-DEAS 12 Customizations for Fermilab



- Start Menu  
Program Groups
- Plotting
- Drafting

# I-DEAS 12 Start Menu Program Group



Sorted by TDM

Tools Program Group contains addition useful Shortcuts

Opens a Standalone SDI GUI for plotting existing CGM files

Lists project locks

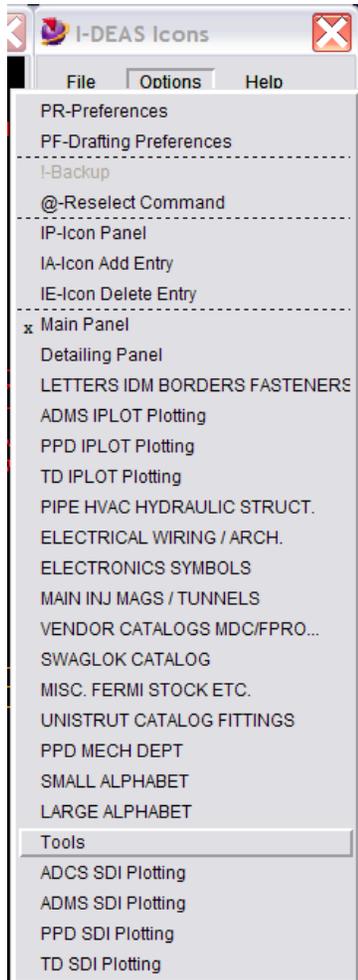
List all active licenses

Opens a command prompt configured for use within the team environment

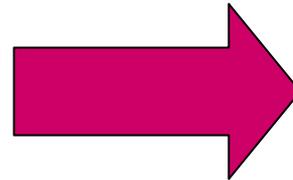


# I-DEAS 12 Drafting Customizations

## I-DEAS 11

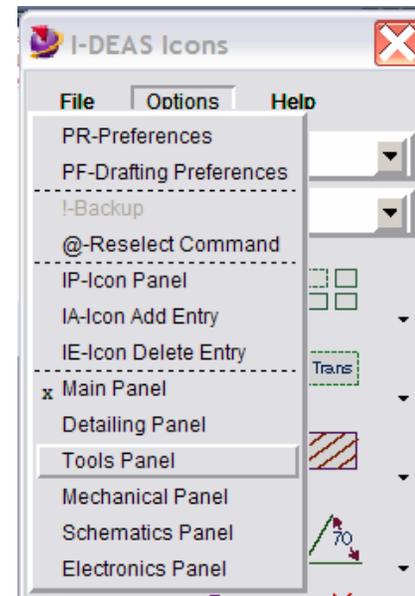


From 20  
custom  
panels



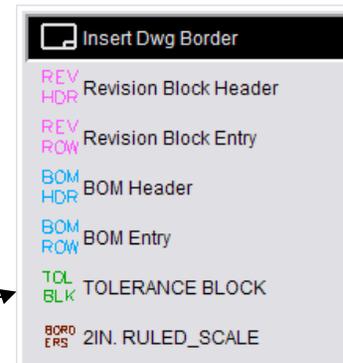
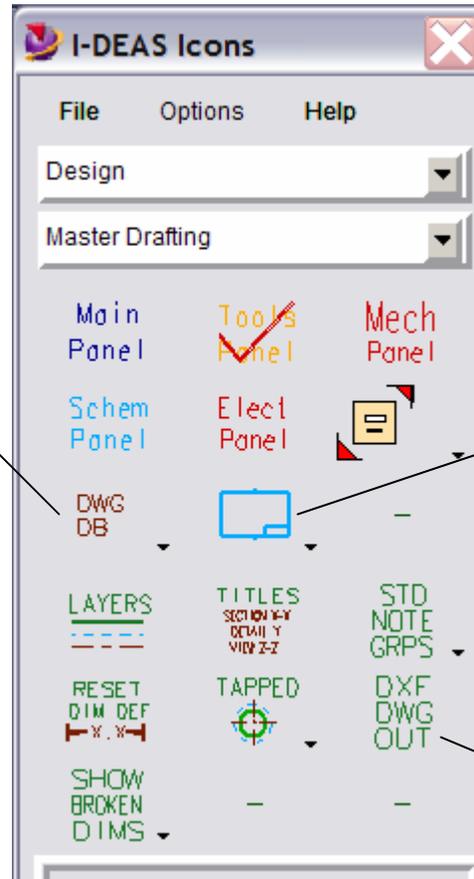
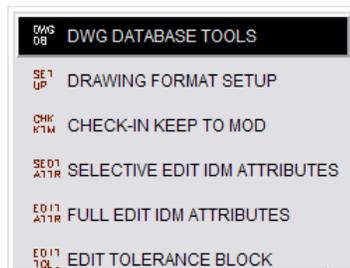
To 4  
custom  
panels

## I-DEAS 12

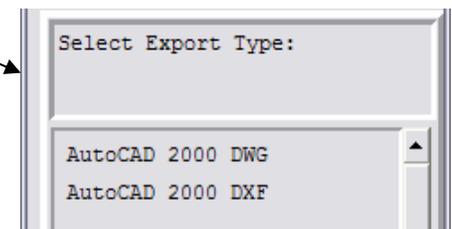


# I-DEAS 12 Tools Panel - Top

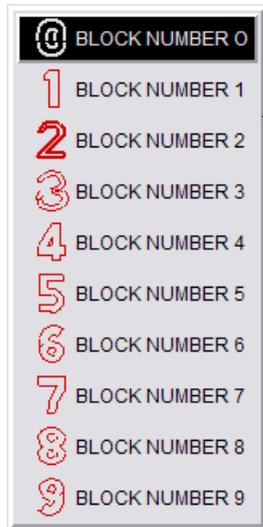
IDM Macro icon stack



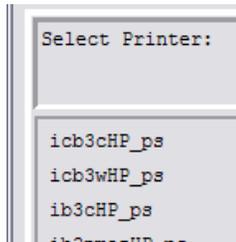
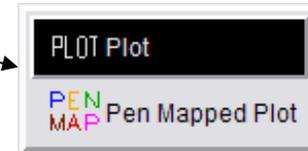
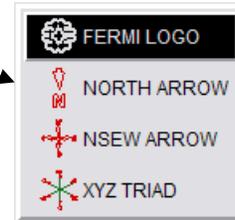
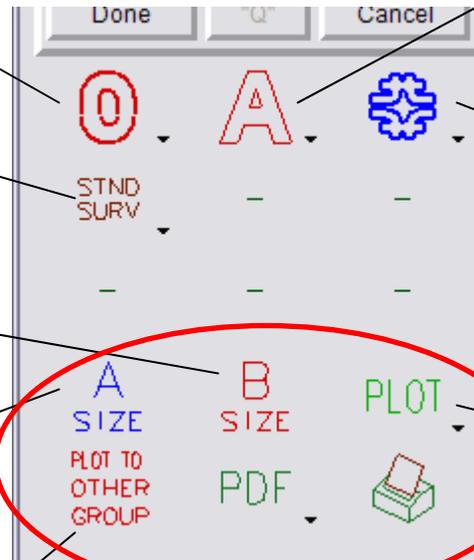
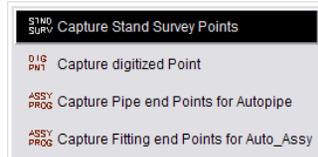
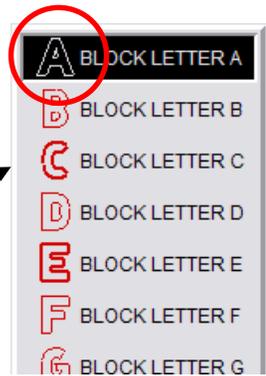
DXF/DWG export is now functional!



# I-DEAS 12 Tools Panel - Bottom



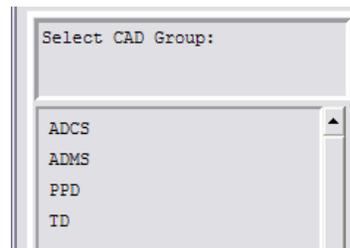
Added graphical representations of symbols



Print "B" size

Print "A" size

Send drawing to a different CAD Group's printer



Consolidated Plotting - Lists of printers will vary by CAD group

# I-DEAS 12 Mechanical Panel

The image displays the I-DEAS 12 Mechanical Panel, a software interface for mechanical design. The central panel, titled "I-DEAS Icons", contains a grid of icons for various mechanical components. The icons are organized into categories such as "SCREWS BOLTS", "CATALOGS", "CONN", "MAG NETS", "TOOLS Panel", "Elect Panel", "NUTS", "UNI-STRUT", "ELBOWS", "RF CAVS", "TEES", and "TUNL ENCL". A red checkmark is visible over the "Mech Panel" icon. Below the main icon grid is a "Select entities or command:" field and a row of buttons: "Done", "Q", and "Cancel".

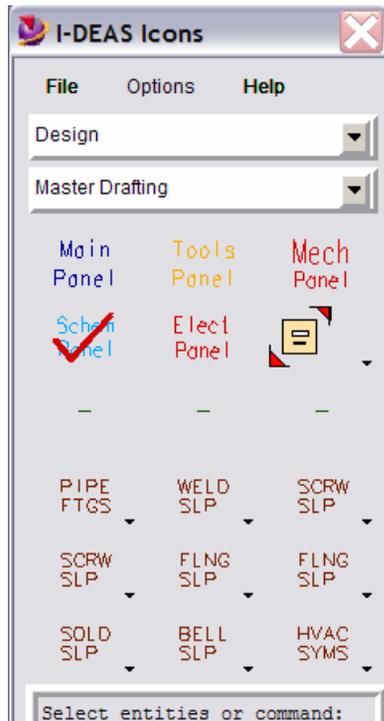
Surrounding the main panel are several dialog boxes and lists:

- Top Left:** A list titled "SCREWS BOLTS" with sub-category "Screws & Bolts". It includes options: "HHCS Hex Head Cap Screw", "SHCS Socket Head Cap Screw", "BHCS Button Head Cap Screw", "THCS Truss Head Cap Screw" (highlighted), "BHCS Binding Head Cap Screw", and "RHCS Round Head Cap Screw".
- Bottom Left:** A "Select Screw Size:" dialog box with a list of sizes: "#4", "#6", "#8", "#10", and "1/4".
- Bottom Left (continued):** A "Select View Projection:" dialog box with options: "TOP" and "SIDE".
- Top Right:** A "Select Item:" dialog box with a list of items: "-100-2-1", "-100-2-2", "-200-2-1", and "-200-2-2".
- Top Right (continued):** A "Select View Projection:" dialog box with options: "end" and "front".
- Right:** A dialog box titled "ELBOWS" with sub-category "ELBOWS". It includes options: "MALE Tube x MNPT 90 Elbows" and "MALE Tube x MNPT 45 Elbows".

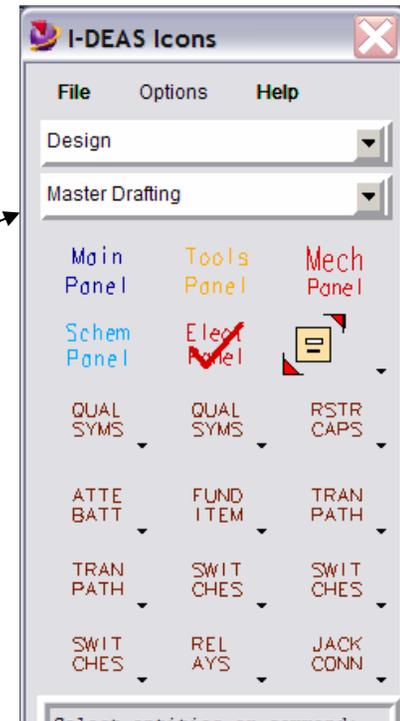
Arrows indicate the flow of information and selection between these elements. A blue text box on the right side of the image contains the following text:

Symbols icon stacks have been consolidated via program files

# I-DEAS 12 Schematic & Electronics Panels



Schematic Panel



Electronics Panel

Symbols icon stacks have been consolidated via program files

