cadence®

Allegro® X Pulse and Allegro® EDM: What's New in Release 23.1

Product Version 23.1
September 2023

© 2023 Cadence Design Systems, Inc. All rights reserved.
Portions © Apache Software Foundation, Sun Microsystems, Free Software Foundation, Inc., Regents of the University of California, Massachusetts Institute of Technology, University of Florida. Used by permission. Printed in the United States of America.

Cadence Design Systems, Inc. (Cadence), 2655 Seely Ave., San Jose, CA 95134, USA.

Allegro X Pulse and Allegro EDM contain technology licensed from, and copyrighted by: Apache Software Foundation, 1901 Munsey Drive Forest Hill, MD 21050, USA © 2000-2005, Apache Software Foundation. Sun Microsystems, 4150 Network Circle, Santa Clara, CA 95054 USA © 1994-2007, Sun Microsystems, Inc. Free Software Foundation, 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA © 1989, 1991, Free Software Foundation, Inc. Regents of the University of California, Sun Microsystems, Inc., Scriptics Corporation, © 2001, Regents of the University of California. Daniel Stenberg, © 1996 - 2006, Daniel Stenberg. UMFPACK © 2005, Timothy A. Davis, University of Florida, (davis@cise.ulf.edu). Ken Martin, Will Schroeder, Bill Lorensen © 1993-2002, Ken Martin, Will Schroeder, Bill Lorensen. Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, Massachusetts, USA © 2003, the Board of Trustees of Massachusetts Institute of Technology. vtkQt, © 2000-2005, Matthias Koenig. All rights reserved.

Trademarks: Trademarks and service marks of Cadence Design Systems, Inc. contained in this document are attributed to Cadence with the appropriate symbol. For queries regarding Cadence's trademarks, contact the corporate legal department at the address shown above or call 800.862.4522.

Open SystemC, Open SystemC Initiative, OSCI, SystemC, and SystemC Initiative are trademarks or registered trademarks of Open SystemC Initiative, Inc. in the United States and other countries and are used with permission. All other trademarks are the property of their respective holders.

Restricted Permission: This publication is protected by copyright law and international treaties and contains trade secrets and proprietary information owned by Cadence. Unauthorized reproduction or distribution of this publication, or any portion of it, may result in civil and criminal penalties. Except as specified in this permission statement, this publication may not be copied, reproduced, modified, published, uploaded, posted, transmitted, or distributed in any way, without prior written permission from Cadence. Unless otherwise agreed to by Cadence in writing, this statement grants Cadence customers permission to print one (1) hard copy of this publication subject to the following conditions:

1. The publication may be used only in accordance with a written agreement between Cadence and its customer.
2. The publication may not be modified in any way.
3. Any authorized copy of the publication or portion thereof must include all original copyright, trademark, and other proprietary notices and this permission statement.
4. The information contained in this document cannot be used in the development of like products or software, whether for internal or external use, and shall not be used for the benefit of any other party, whether or not for consideration.

Disclaimer: Information in this publication is subject to change without notice and does not represent a commitment on the part of Cadence. Except as may be explicitly set forth in such agreement, Cadence does not make, and expressly disclaims, any representations or warranties as to the completeness, accuracy or usefulness of the information contained in this document. Cadence does not warrant that use of such information will not infringe any third party rights, nor does Cadence assume any liability for damages or costs of any kind that may result from use of such information. Cadence is committed to using respectful language in our code and communications. We are also active in the removal and/or replacement of inappropriate language from existing content. This product documentation may however contain material that is no longer considered appropriate but still reflects long-standing industry terminology. Such content will be addressed at a time when the related software can be updated without end-user impact.

Restricted Rights: Use, duplication, or disclosure by the Government is subject to restrictions as set forth in FAR52.227-14 and DFAR252.227-7013 et seq. or its successor.

Contents

Allegro X Pulse and Allegro EDM: What's New in 23.1 5
Two-way Synchronization between Allegro EDM and PTC Windchill Data 5
Enhancements in Pulse Web Dashboard 7

© 2023 All Rights Reserved.

© 2023 All Rights Reserved.

Allegro X Pulse and Allegro EDM: What's New in 23.1

This chapter describes the new features in Allegro® X Pulse and Allegro® Engineering Data Management (EDM) release 23.1.

New Feature

- Two-way Synchronization between Allegro EDM and PTC Windchill Data
- Enhancements in Pulse Web Dashboard

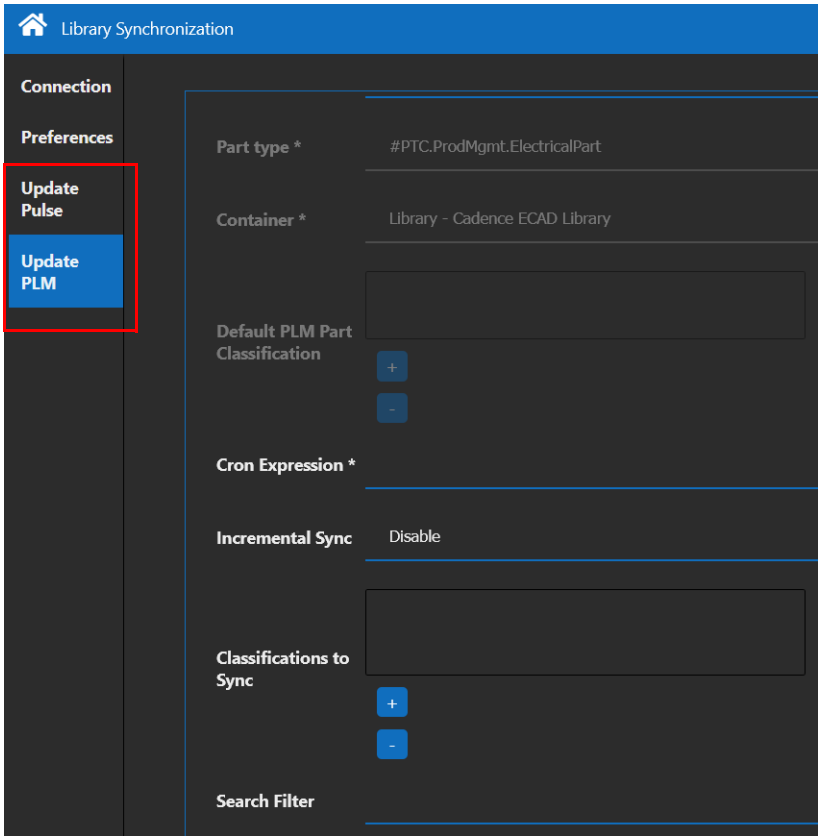
Two-way Synchronization between Allegro EDM and PTC Windchill Data

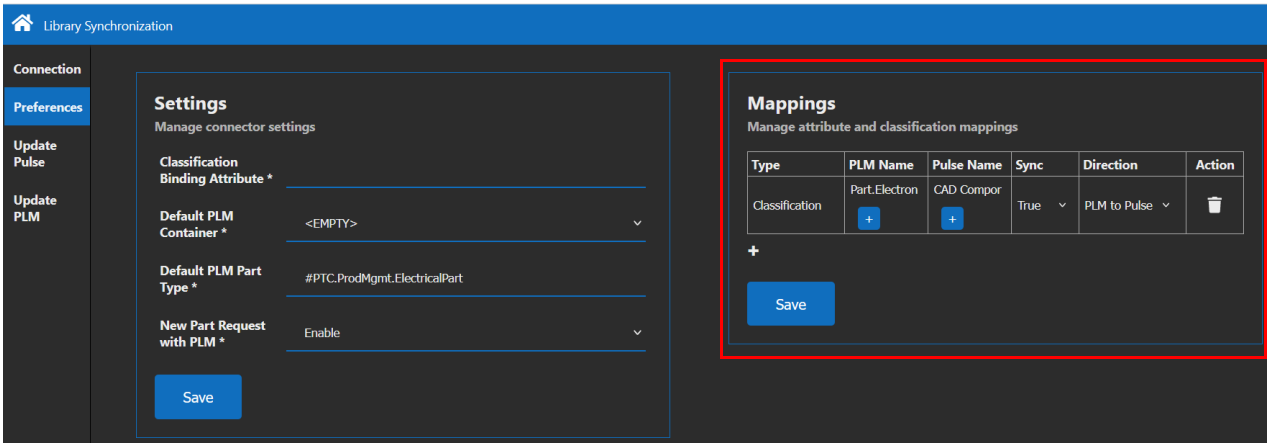
Allegro EDM library parts can be updated with changes in the Windchill part data. Conversely, Windchill parts can also be updated with the changes in the EDM library data starting with this release. To enable this two-way synchronization, the *Preferences* page of the Library Synchronization window provides:

- A mapping table to map the PTC Windchill attribute names to the Allegro EDM classification property names.

© 2023 All Rights Reserved.

- A set of parameters to manage Windchill part metadata.





Related Documentation

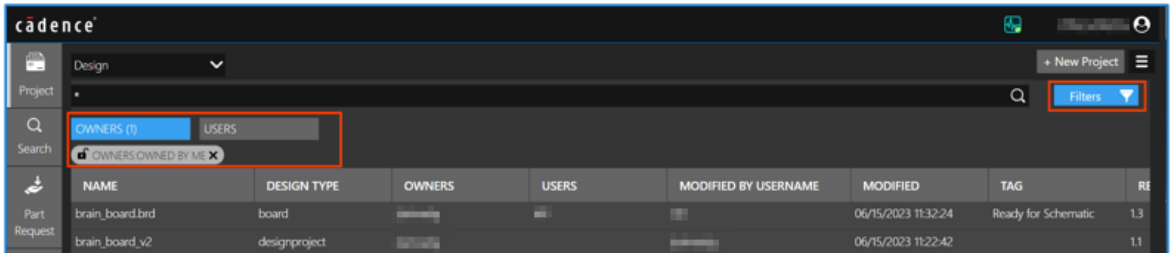
Library Synchronization Between PLM Systems and Allegro X Pulse

© 2023 All Rights Reserved.

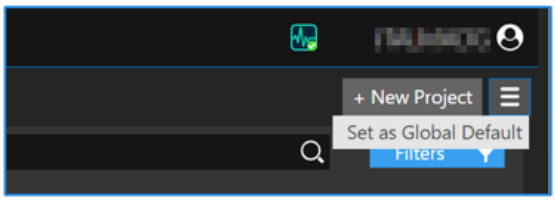
Enhancements in Pulse Web Dashboard

Enhancements in the web dashboard are available for users in the single-user and multi-user environments of System Capture. The changes are as follows:

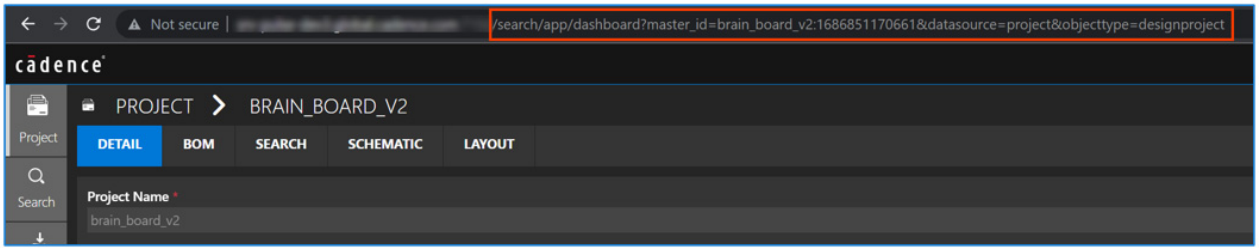
- Additional filters, *Owned by me* and *shared with me*, enable easier viewing of projects and designs.



- Pulse administrators can save column visibility, the column order, and a filter for a project list as the global default.



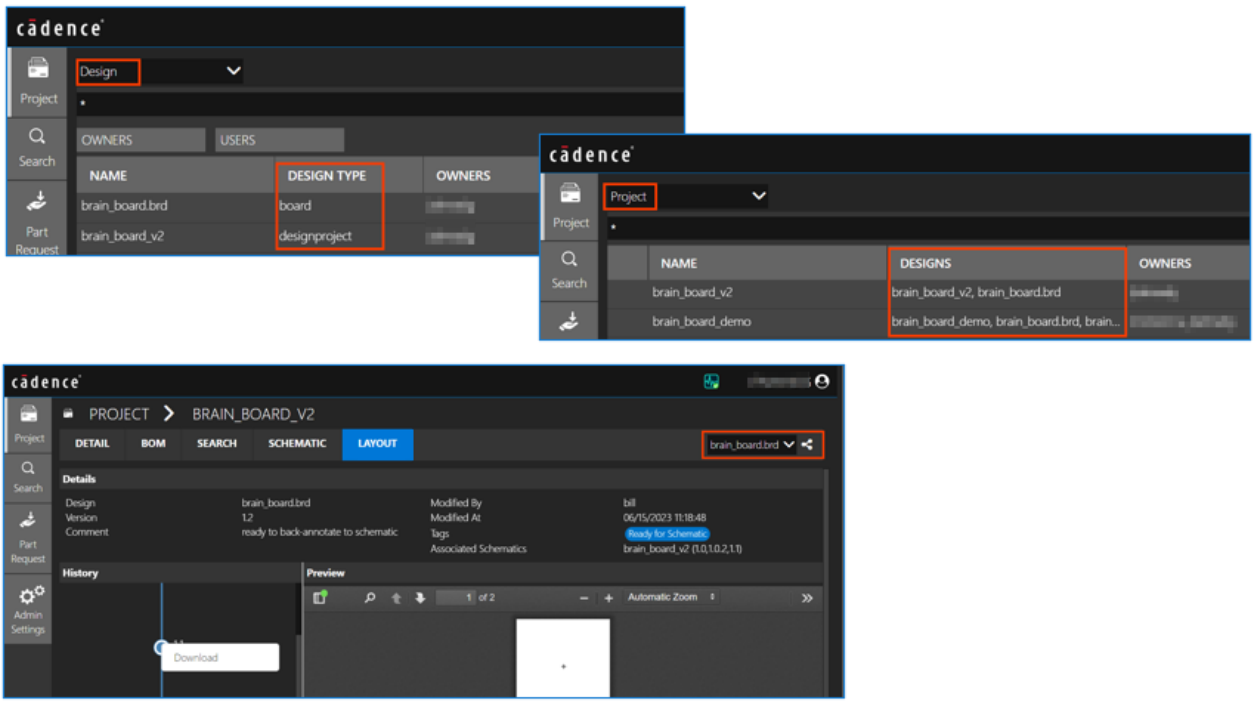
- A project-specific URL is now available for easy bookmarking. This makes it easy to quickly open a design or layout in a web browser and view its details or share it.



- The *Part Search* tab on the left of the web page has been renamed as *Search*.
- There is a *Project* and *Design* view. The *Project* view displays project containers and the designs contained within. The *Design* view shows all Pulse-managed designs, which

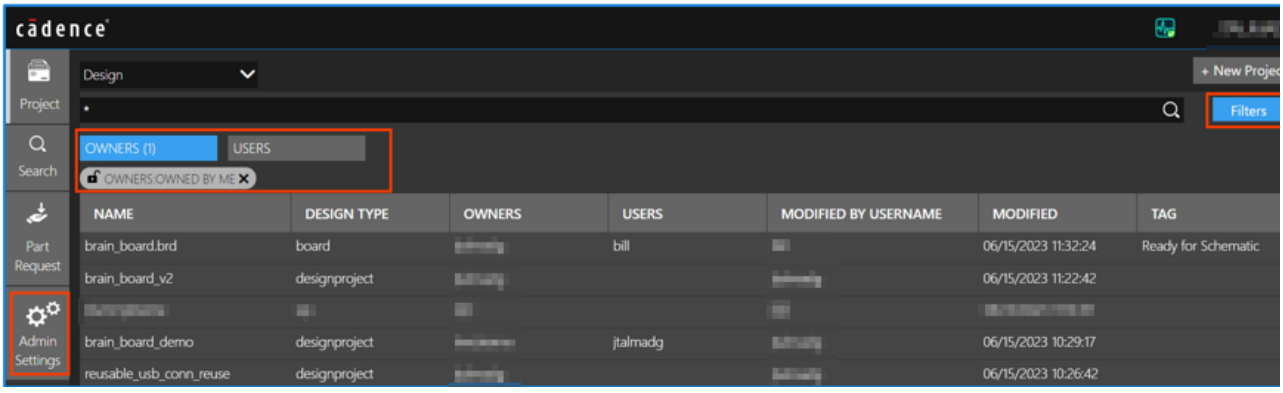
© 2023
All Rights Reserved.

includes schematics and layouts. This enables layout visibility in the *Layout* tab on double-clicking a project in the *Design* or *Project* list.



You can share a layout, view the layout versions, and download layout versions from *Version Control*.

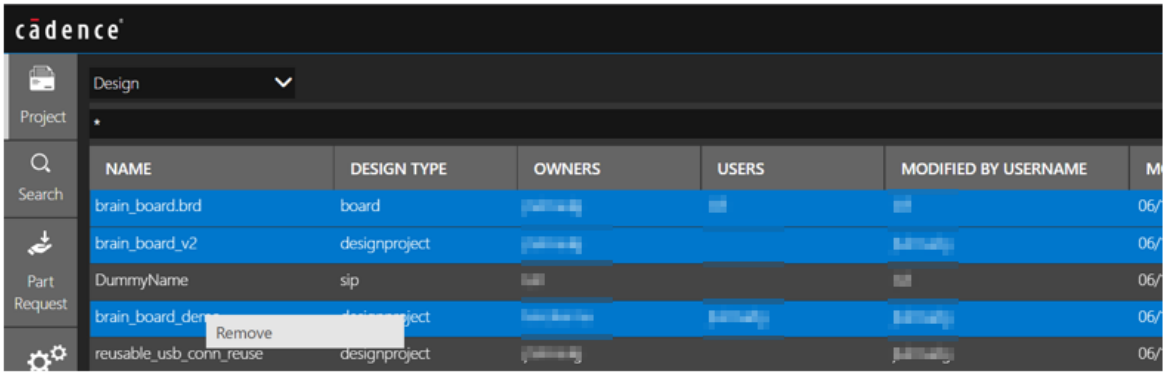
- The administrator tasks have moved to the left side of the web page and are no longer available under the user profile icon.



- Instead of clicking, you must now double-click to open a project or design from the list. Click now selects a project or design instead of opening it.

© 2023
All Rights Reserved.

- You can multiselect designs and remove them in one go from the *Design* list.



© 2023
All Rights Reserved.

© 2023 All Rights Reserved.