

aras community event

2010 International Conference

PLMe – Product Lifecycle Management Express

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Aras Community Event

What is PLMe?



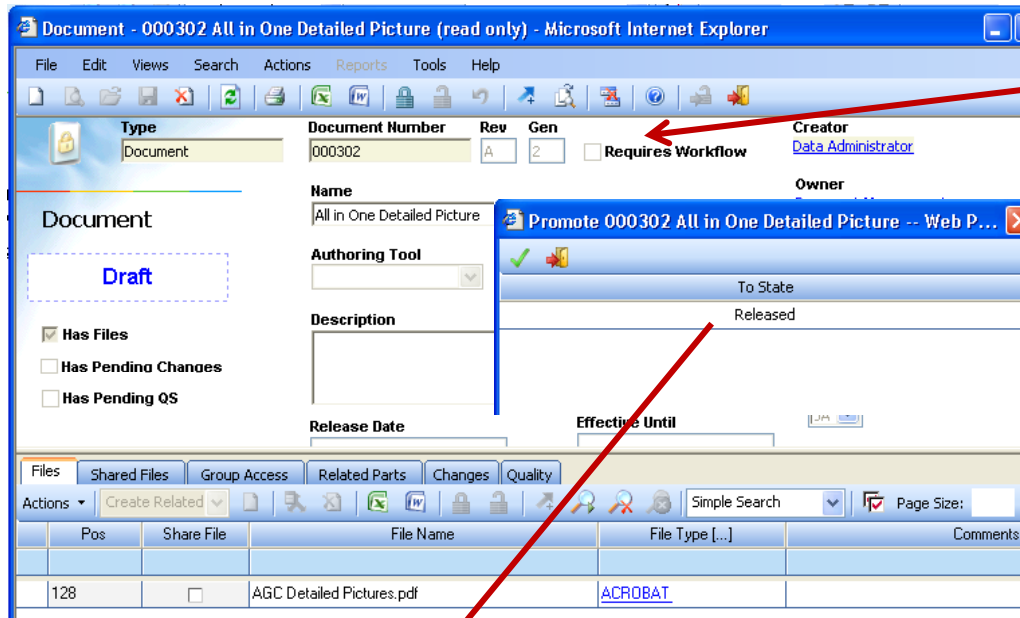
- ❖ Built on Aras Innovator 9.1.0
- ❖ Predefined PLM Accelerator Pack
 - ✓ Download the solution or ask Aras if you need to speed deployment with:
 - Simplified Document Management
 - Enhanced one-screen visibility
 - Simplified Change Management
 - New templates for Impact Matrix
 - And more...

Simplified Document Management



- ❖ Control documents in an approved workflow process or in a simplified release fashion
- ❖ Ties to access control
 - ✓ Owners can use simplified release
 - ✓ Non-owners unable to make changes
- ❖ Shared Files Tab
 - ✓ Check box on main grid for sharing
 - ✓ New tab permits outside users to view only shared items
 - ✓ Controlled at the object and relationship level

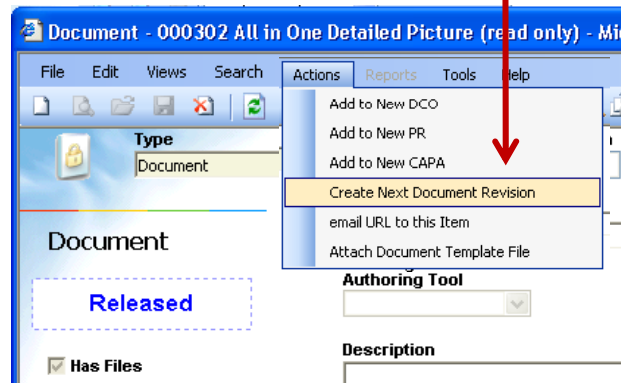
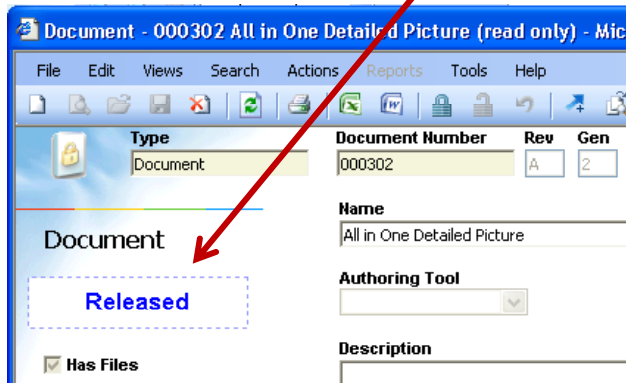
Simplified Document Management (1)



Owner driven Release and Revisions

If this flag is ,off', the owners of a document can manually promote „Draft“ documents to „Released“

Also, if this flag is ,off' and documents are „Released“, the owners of a document can manually create a new revision.
(menu: Action Create New Document Revision)

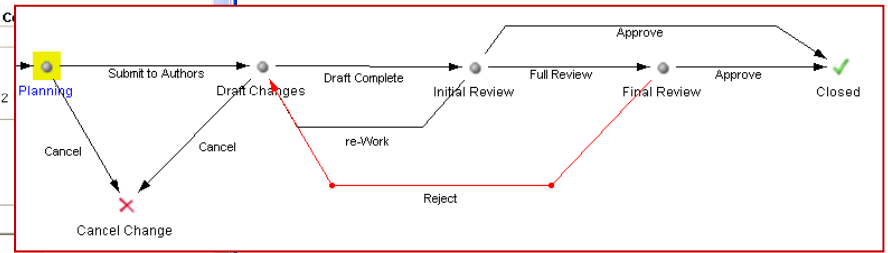


Simplified Document Management (2)



Owner driven Release and Revisions .. allowing Reviews & Approvals

If this flag is 'set' and documents are „Released“, new revisions must be started by raising a Document Change Order (DCO)



Workflow History Report

Item: DCO-00001072 Document Rev - Prod Specs
 Started By: Demo User
 Started On: 5/9/2010 7:17:07 AM
 Current Status is: Active
 Completed On:

| Activity | State | Assigned To | Completed By | How Voted | When | Comments |
|----------|--------|-------------|--------------|--------------------------|------|----------|
| Planning | Active | Demo User | | VOTE NOW | | |

Simplified Change Management



- ❖ New ECO to drive changes on parts:
 - ✓ Divided into “Planning” and “Draft Changes” stages
- ❖ Impact wizard to identify “where used” and “BOM” changes
- ❖ Driven from part changes also plan and execute Part document and Part AML changes



Impact Matrix



❖ New Templates for Impact Matrix

- ✓ What happens between NPI and ECO
- ✓ Extensive impact analysis and planning tools
- ✓ Deep automated calculations pre-programmed in
 - Runs an analysis for change impact across the board for affected items; for many this is still a manual process

❖ Deep Functionality

- ✓ Ask Aras or your certified partner for a demo

❖ Download the demo database for 9.1 or notify of your interest in participating in continuing to enhance this community solution

Impact Matrix



ECO - ECO-00001040 Replace fornt fork - Microsoft Internet Explorer

File Edit Views Search Actions Reports Tools Help

Number: ECO-00001040 Title: Replace fornt fork

Change Reason: bad weld seam Reason Code: [Dropdown]

Priority: ECO (1, 2, 3) [Radio buttons]

Change Coordinator: Demo User

Affected Parts Impact Matrix Part Documents Part AMLs Attachments SignOffs

| Part Number | Pos | Qty | Name | Rev | Gen | Type | Status | Make/Buy | CLck | Change Action | NPos | NQty | New Part | NRev | NGen | New S |
|-------------|-----|-----|-------------------------------|-----|-----|------------|----------|----------|------|---------------|------|------|---------------------------|------|------|----------|
| 104361 | -- | -- | Wave Trolley Basic | A | 5 | /Product | Released | Make | | New Revision | | | | | | |
| 104362 | 10 | 1 | Rear Wheel - 3 Spokes - Left | A | 1 | /Component | Released | Buy | | | | | | | | |
| 104363 | 20 | 1 | Rear Wheel - 3 Spokes - Right | A | 1 | /Component | Released | Buy | | | | | | | | |
| 104364 | 30 | 1 | Front Fork - Wave | A | 1 | /Assembly | Released | Buy | | Supersede | 30 | 1 | 204364 Front Fork - Eagle | A | 1 | Released |
| 104366 | 40 | 1 | Bottom Frame - Wave | A | 1 | /Assembly | Released | Buy | | | | | | | | |
| 104369 | 50 | 1 | Top Frame - Wave | | | | | | | | | | | | | |
| 104370 | 60 | 1 | Electrical Wiring - Wave | | | | | | | | | | | | | |
| 104371 | 70 | 1 | Control Panel - Wave | | | | | | | | | | | | | |
| 104374 | 80 | 1 | Handle - Wave | | | | | | | | | | | | | |
| 104375 | 90 | 1 | Battery 24V 10AH CH | | | | | | | | | | | | | |
| 104377 | 100 | 1 | Controller CH 5 Step | | | | | | | | | | | | | |
| 104378 | 110 | 1 | Charger 24V Li-CH | | | | | | | | | | | | | |
| 104361-P | -- | -- | Wave Prof. | | | | | | | | | | | | | |
| 104362 | 10 | 1 | Rear Wheel - 3 Spokes - Left | | | | | | | | | | | | | |
| 104363 | 20 | 1 | Rear Wheel - 3 Spokes - Right | | | | | | | | | | | | | |
| 104364 | 30 | 1 | Front Fork - Wave | | | | | | | Supersede | 30 | 1 | 204364 Front Fork - Eagle | A | 1 | Released |
| 104366 | 40 | 1 | Bottom Frame - Wave | | | | | | | | | | | | | |
| 104369 | 50 | 1 | Top Frame - Wave | | | | | | | | | | | | | |

Open Item (as Released)
Open Change Details
Clear Change Action
Delete Saved Action
Change Action - Needs Review
Change Action - Not Affected
Change Action - Release Part
Change Action - New Revision
Change Action - Delete Part
Change Action - Add Part
Change Action - Supersede Part
Change Action - Update Relation

Define Change Actions per row, or multi-selected rows

Ready | Items 1-1 of 1. Page 1 of 1 | aras INNOVATOR

Affected Part Documents

... Define Doc changes on same ECO



ECO - ECO-00001040 Replace fornt fork - Microsoft Internet Explorer

File Edit Views Search Actions Reports Tools Help

Number: ECO-00001040 Title: Replace fornt fork

Change Reason: bad weld seam Reason Code: [Dropdown]

ECO Priority: 1 2 3

New

Change Coordinator: Demo User

Affected Parts Impact Matrix Part Documents Part AMLs Attchments SignOffs

| Part Number | Pos | Defining | Name | Rev | Gen | Type | Status | Make/Buy | CLck | Change Action | NPos | N-Defining | New Part/Document | NR |
|--------------|-----|--------------------------|-----------------------------|-----|-----|----------------------------|----------|----------|------|---------------|------|--------------------------|---|----|
| 104361 | -- | <input type="checkbox"/> | Wave Trolley Basic | A | 5 | /Product | Released | Make | | New Revision | --> | <input type="checkbox"/> | 104361 Wave Trolley Basic | A |
| 000307 | 1 | <input type="checkbox"/> | Wave Standard - User Manual | A | 1 | /Documentation/User Manual | Released | -- | | -- | | <input type="checkbox"/> | | |
| 000310 | 2 | <input type="checkbox"/> | Wave Picture | A | 2 | /Drawing | Released | -- | | -- | | <input type="checkbox"/> | | |
| 000312 | 3 | <input type="checkbox"/> | Wave Basic DataSheet | A | 2 | /Specification/Technical | Released | -- | | -- | | <input type="checkbox"/> | | |
| CAD-00001101 | 128 | <input type="checkbox"/> | ASSEMBLY-TROLLEY | A | 2 | /Assembly | Released | -- | | -- | | <input type="checkbox"/> | | |
| CAD-00001187 | 256 | <input type="checkbox"/> | ASSEMBLY-TROLLEY | A | 2 | /Drawing | Released | -- | | -- | | <input type="checkbox"/> | | |
| 104361-P | -- | <input type="checkbox"/> | Wave Prof. | A | 4 | /Product | Released | Make | | New Revision | --> | <input type="checkbox"/> | 104361-P Wave Prof. | A |
| 000313 | 1 | <input type="checkbox"/> | Wave Professional DataSheet | A | 2 | /Specification/Technical | Released | -- | | -- | | <input type="checkbox"/> | | |
| 000311 | 2 | <input type="checkbox"/> | Eagle Picture | A | 2 | /Drawing | Released | -- | | -- | | <input type="checkbox"/> | | |
| 000310 | 3 | <input type="checkbox"/> | Wave Picture | A | 2 | /Drawing | Released | -- | | -- | | <input type="checkbox"/> | | |
| CAD-00001101 | 128 | <input type="checkbox"/> | ASSEMBLY-TROLLEY | A | 2 | /Assembly | Released | -- | | -- | | <input type="checkbox"/> | | |
| CAD-00001187 | 256 | <input type="checkbox"/> | ASSEMBLY-TROLLEY | A | 2 | /Drawing | Released | -- | | -- | | <input type="checkbox"/> | | |

What's Included?



❖ Comprehensive pre-populated demo data

- ✓ Two sets of product data
 - Golf Trolleys
 - Toys
- ✓ Multi Level BOM's
- ✓ Multiple User Roles and Workflows Pre-Assigned

❖ Enhanced Templates and Visibility

- ✓ Provides more single screen visibility and one click refresh
 - Data changes appear on-screen
 - Added "refresh" button for on-demand, one click data refresh

Pre-Populated Demo Data



Aras Innovator - Microsoft Internet Explorer

aras INNOVATOR®

File Edit View Search Actions Reports Tools Help

Desktop for demo

- My Innovator
 - My Desktop
 - L-00-8668 Side Rider 55 (2006) 10436
 - L-00-8492 Mud Hopper (2008)
 - L-00-8490 Dessert Hopper (2008) 30
 - L-PL-99-8492 Mud Hopper Parts Lis... CAD-0000
 - My InBasket
 - Search Center
 - Change Management
 - Design
 - Parts
 - Products
 - Documents
 - CAD Documents
 - Documents
 - Problem Reporting
 - Program Management
 - Quality
 - Sourcing
 - Manufacturing
 - Manufacturing
 - Vendors
 - Templates

Part - L-00-8668 Side Rider 55 (2006) (read only) - Microsoft Internet Explorer

File Edit Views Search Actions Reports Tools Help

Part

Type: Product
Part Number: L-00-8668
Rev: A
Gen: 3
 Requires Workflow

Name: Side Rider 55 (2006)

Make / Buy: Make
Cost: 5.3300 (Calculated)
Unit: EA
Weight:

Long Description:

Release Date: 1/8/2010 2:01:20 PM
Effective Date: 1/8/2010 2:01:20 PM

Product Lines: Golf Trolleys, Toy Racers

Creator: Data Administrator
Owner: Engineering Group2

Preview Picture:

BOM Structure

| Number | Pos | Qty | Lck | Name | Rev | Status | Change | Quality | N |
|---------------|-----|-----|-----|---|-----|----------|--------------------------|--------------------------|---|
| L-10-8668-10 | 10 | 1 | | Chasis - Side Rider 55 | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-10-8668-17 | 10 | 1 | | Engine Unit | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-54802cx1-26 | 10 | 1 | | Technic Motor Flywheel 4 x 9 x 2 & 1V/3 | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4119014 | 20 | 4 | | block 1x1units w. Hole [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| XX-370923 | 30 | 1 | | plate 2x4units - 3 holes [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4211088 | 40 | 2 | | block - single row - 2units [Dark Gray] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4211438 | 50 | 1 | | plate - single row - 6units [Gray] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-3702-26 | 20 | 1 | | Technic Brick 1 x 8 with Holes [Black] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-2780-26 | 30 | 1 | | Technic Pin with Friction and Slots [Blac | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-43093-23 | 40 | 1 | | Technic Axle Pin with Friction [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-3031-23 | 50 | 1 | | Plate 4 x 4 [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-30414-23 | 60 | 1 | | Brick 1 x 4 with Studs on Side [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-3709b-23 | 70 | 1 | | Technic Plate 2 x 4 with Holes [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-3710-39 | 80 | 1 | | Plate 1 x 4 [DkStone] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-41769-23 | 90 | 1 | | Wing 2 x 4 Right [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-41770-23 | 100 | 1 | | Wing 2 x 4 Left [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4210884 | 110 | 4 | | hinge plate - 2units [Dark Gray] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-614101 | 120 | 2 | | distance disk [White] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4210778 | 130 | 2 | | cab mount block - curved [Dark Gray] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-4119014 | 140 | 2 | | block 1x1units w. Hole [Blue] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-3707-26 | 150 | 1 | | Technic Axle 8 [Black] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-10-8668-16 | 160 | 4 | | Wheel Unit | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |
| L-2994-21 | 10 | 1 | | Wheel 30.4 x 14 VR [White] | A | Released | <input type="checkbox"/> | <input type="checkbox"/> | |

Document - 000306 GTS Controller Technical Description (read only) - Microsoft Internet Explorer

File Edit Views Search Actions Reports Tools Help

Type: Technical
Document Number: 000306
Rev: A
Gen: 3

Document: GTS Controller Technical Description

Released

Has Files:
Has Pending Changes:
Has Pending QS:

Release Date:

Files: Shared Files, Group Access, Related Parts, Changes, Quality

| Pos | Share File | File Name |
|-----|-------------------------------------|------------------------------|
| 128 | <input checked="" type="checkbox"/> | Technische Anleitung GTS.doc |

Where do I get it?



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Demo Database

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- Overview
- Downloads
- Reviews
- Forums



Downloads: 3020

Average rating of
5.0
out of 5 stars
★★★★★

Description

This is a pre-populated demonstration database and vault for Aras Innovator. It contains basic data for parts, BOMs, documents, 3D-CAD sample, simple projects, PRs, ECRs, ECOs.

Instructions for installation are included in the ZIP file.

Project Info

Author [Rolf Laudenbach](#)
License Microsoft Public License
Versions Supported 9.0.1, 9.1.0
Category Innovator Framework
Level As-Is
Verified? No

Type
Open: Yes
Subscribers Only: No
Commercial: No

www.aras.com/communityprojects

Search Demo Database – Downloads Tab – PLM9.1v03