

Aiden

Introduction and Screenshots

Aiden

Aiden is an ontology management (product data management) tool and framework for building intelligent systems, specifically designed for use with Product Data.

- A sharp editorial tool that makes manual product data manipulation smooth.
- Taxonomy and Attribution modeling with rich sampling.
- A classifier and organizer in a multi-level hierarchy.
- An auto-corrector, primarily using bulk editing capabilities.
- Battle tested with thousands of categories, ~30 attributes per category and more than 1M products classified, normalized and delivered using the tool.

Object Types

Classification

- Node Names
- Breadcrumb
- UNSPSC, SIC, eCl@ss

Product Identifiers

- Mfr., Supp., Distr. IDs
- UPC, EAN, etc.
- Competitor Part #s

Product Name

- Title, Description
- Feature Copy, Bullets
- SEO Metadata, Keywords

Custom/Special Landing Pages

- Brand, Manufacturer
- Featured Products

Specification Attributes

- Material, Color, Size
- Filter and Display Attrs.

Filter/Display Only

- Price, Compliance Attrs.
- Marketing Copy
- Images, MSDS, etc.

Key Features

Rich Taxonomies
with Metadata

Schema
Authoring and
Management

Derived attributes
to auto-generate
values

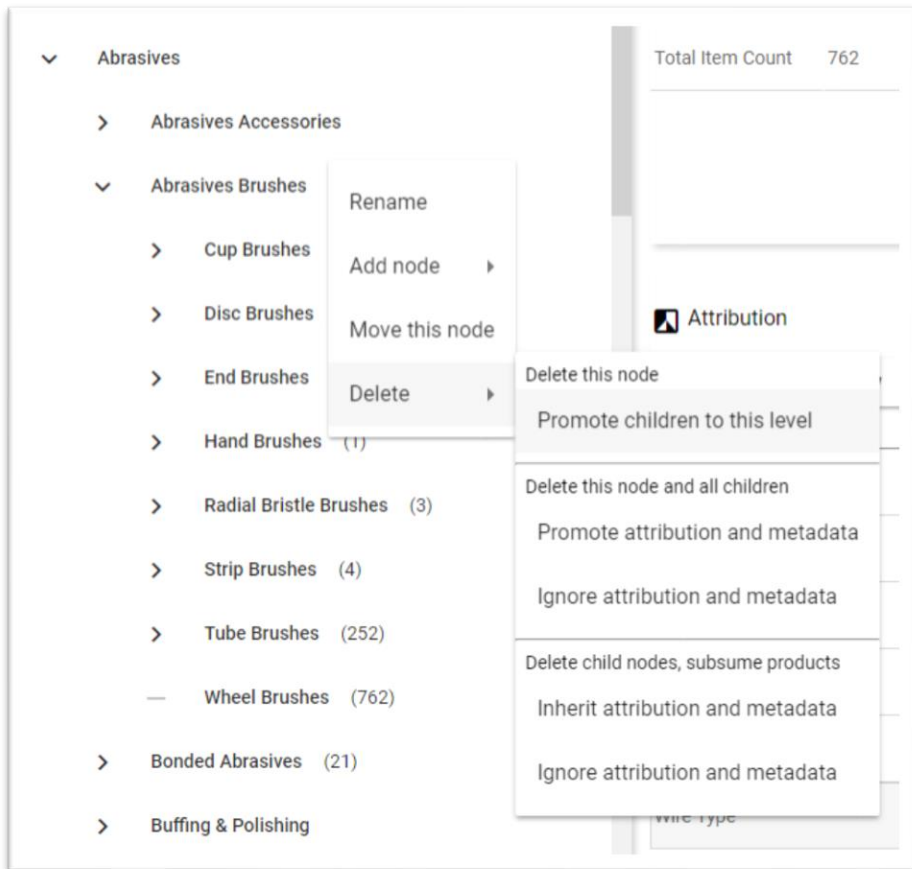
Restricted Lists of
Values and Bulk
Editing

Audit Trail –
history for all
objects

Business Rules
and Validations

Customizable
Import and Export
utilities

Taxonomy Modeling



Advanced category normalization options for seamless data modeling:

- Create new categories, as a child node or as a sibling.
- Rename existing categories; update taxonomy path for all child nodes and items in the hierarchy under it.
- Move a category within the taxonomy; maintain hierarchy and metadata; move all products with the structure.
- Delete a node; promote all of its child categories up one level and maintain hierarchy and metadata.
- Delete a node and all of its child hierarchy.
- Delete all the child nodes; inherit all the items; optionally inherit the attribution and metadata.

Projects

- ☐ Lumen Industries Before
- ☐ Lumen Industries After
- ☒ Turner Supply
- ☐ B2X Workspace
- ☐ New Workspace
- ☐ Abatix

Navigate multiple taxonomies.

Turner Supply

Taxonomy

Search

- ▼ Abrasives
 - > Abrasives Accessories
 - ▼ Abrasives Brushes
 - > Cup Brushes (179)
 - > Disc Brushes (73)
 - > End Brushes (228)
 - > Hand Brushes (1)
 - > Radial Bristle Brushes (3)
 - > Strip Brushes (4)
 - > Tube Brushes (252)
 - Wheel Brushes (762)
 - > Bonded Abrasives (21)
 - > Buffing & Polishing
 - > Coated Abrasives
 - > Diamond & Super Abrasives

Abrasives > Abrasives Brushes >

Wheel Brushes

Attribute Value

Item Count 762

Total Item Count 762

Manage category-specific metadata like SEO Copy, Image, Description, etc.

Attribution

Values

+ New

History

Attribute	Type	# %	Display	Nav. Order
Type	On-Schema	476 62%	1	—
Series	On-Schema	10 1%	2	—
Brush Diameter	On-Schema	760 99%	3	1
Brush Width	On-Schema	635 83%	4	2
Arbor/Shank Size	On-Schema	759 99%	5	5
Wire Type	On-Schema	759 99%	6	4
Wire Diameter	On-Schema	746 97%	7	3

Design attributes, display orders and metadata.

Check Out

Download Item Data

Tag out a category for working offline.

Bulk-normalize values in each attribute for all items in a category.

Values — Wire Type

New

Value	Type	#
Cable Twist Knot	Off-LOV	32
Crimped	Off-LOV	441
Crimped Radial	Off-LOV	32
Crimped Round	Off-LOV	47
Knot	Off-LOV	4
Rectangular	Off-LOV	7
Round Crimped	Off-LOV	3