



# CLI Commands

KatanaPIM for Magento 2

Command line tools for the [KatanaPIM Connect](#) extension. These commands are useful for manual synchronization, automation scripts, and troubleshooting.

## Available Commands

Command	Description
<code>katana:import:full</code>	Run full synchronization from KatanaPIM
<code>katana:import:incremental</code>	Run incremental synchronization (delta)

## katana:import:full

Performs a complete synchronization of all entities from KatanaPIM.

```
# Sync everything (attributes, categories, products, assets)
bin/magento katana:import:full

# Sync only attributes
bin/magento katana:import:full --attributes

# Sync only categories
bin/magento katana:import:full --categories

# Sync only products
bin/magento katana:import:full --products

# Sync only assets
bin/magento katana:import:full --assets
```

### Options:

Option	Description
<code>--attributes</code>	Run attributes update only
<code>--categories</code>	Run categories update only
<code>--products</code>	Run products update only
<code>--assets</code>	Run assets update only
<code>--force</code> , <code>-f</code>	Force update all products, ignoring hash check

When no options are provided, all entity types are synchronized in the correct order.

**Force Update:** *(available from v3.7.0)*

Use the `--force` flag when you need to re-sync products regardless of whether the data has changed:

```
# Force re-sync all products (ignore hash comparison)
bin/magento katana:import:full --products --force

# Short version
bin/magento katana:import:full --products -f
```

This is useful when:

- Magento data was modified outside of the sync process
- Hash comparison isn't detecting changes correctly
- You need to overwrite local changes with PIM data

**How sync works:**

The synchronization operates in two phases:

1. **Data Retrieval** — Fetches current data from the KatanaPIM API
2. **Magento Updates** — Creates or updates entities based on your configuration

Whether new entities are automatically created depends on your settings at **Stores → Configuration →**

**KatanaPIM → Automation:**

- Auto create new categories
- Auto create new products

**Output:** Shows progress and results for each entity type.

**Use this when:**

- Initial setup and first import
- After major PIM changes
- Weekly/daily maintenance
- Troubleshooting sync issues

## **katana:import:incremental**

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Performs a delta synchronization, importing only items that have changed since the last sync.

```
bin/magento katana:import:incremental
```

**Output:** Shows progress and number of items updated.

**Use this when:**

- Regular scheduled updates
- Keeping Magento in sync throughout the day
- After individual product changes in PIM

## Examples

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### Initial Setup

```
# First time setup - import everything  
bin/magento katana:import:full
```

### Daily Maintenance

```
# Full sync during maintenance window  
bin/magento cache:flush  
bin/magento katana:import:full  
bin/magento indexer:reindex
```

### Incremental Updates

```
# Quick sync of recent changes  
bin/magento katana:import:incremental
```

### Step-by-Step Import

For large catalogs, import in stages:

```
# Step 1: Import and map attributes first  
bin/magento katana:import:full --attributes  
  
# Step 2: Configure attribute mapping in admin  
# (manual step - use Attributes grid)
```

```
# Step 3: Import categories
bin/magento katana:import:full --categories

# Step 4: Import products
bin/magento katana:import:full --products

# Step 5: Import images and videos
bin/magento katana:import:full --assets
```

## Troubleshooting

```
# Run with verbose output
bin/magento katana:import:full -v

# Check what would be synced without making changes
bin/magento katana:import:full --attributes
```

## Indexer Recommendations

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For large catalogs, set your indexers to "Update on Schedule" mode before running imports:

```
# Check current indexer modes
bin/magento indexer:show-mode

# Set all indexers to schedule mode
bin/magento indexer:set-mode schedule
```

### Why "Update on Schedule"?

With "Update on Save" mode, Magento triggers reindexing after every single entity import — extremely slow for substantial datasets. Schedule mode queues index updates and processes them in batches, significantly improving import performance.

## Need More Help?

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### Documentation:

- [All Help Articles](#) - Complete documentation overview

### Support:

- [Contact Support](#) - Get help from our team

For a complete overview of features and configuration options, see the KatanaPIM extension on [magmodules.eu](http://magmodules.eu)

# All articles for KatanaPIM

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## Installation

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1	<a href="#">Installation using Composer (recommended)</a>
2	<a href="#">Install through FTP and SSH</a>

## Configuration

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1	<a href="#">Quick Start Guide</a>
2	<a href="#">Configuration</a>
3	<a href="#">Categories Grid</a>
4	<a href="#">Attribute Mapping</a>
5	<a href="#">Configurable Products Setup</a>

## Troubleshooting

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1	<a href="#">Troubleshooting</a>
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## Grids

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1	<a href="#">Products Grid</a>
2	<a href="#">Attributes Grid</a>
3	<a href="#">Assets Grid</a>
4	<a href="#">Sync Log Grid</a>

## Background

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1	<a href="#">CLI Commands (current)</a>
2	<a href="#">Cron Jobs</a>

3	<a href="#">Product to Website Matching</a>
4	<a href="#">Understanding the Sync Process</a>

