

Data migration to Plone 5.2 and Volto

Rodrigo Ferreira de Souza

October, 2019

Where we are



Options to Migrate

- Plone 4.3 → Plone 5+
 - [Collective Transmogrifier](#)



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- Plone 5.1 → Plone 5.2+
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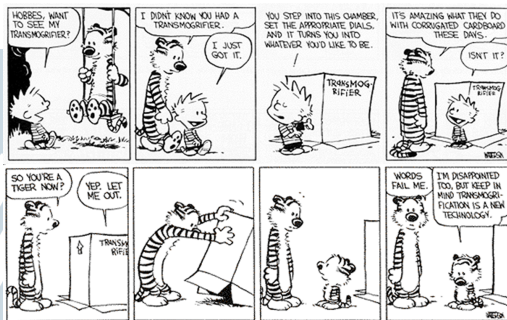


Figure: A transmogrifier is fictional device used for transforming one object into another object.

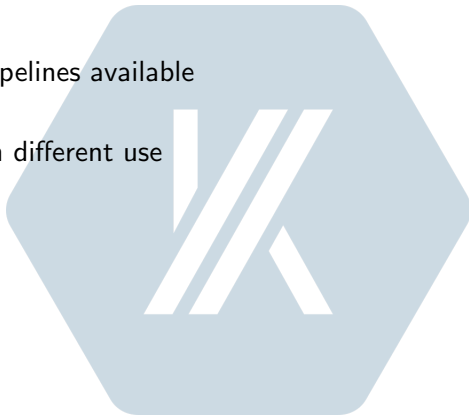
Why we use Transmogrifier?

- Have many generic Pipelines available for common cases



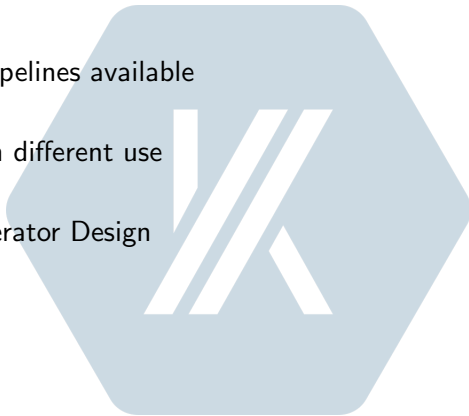
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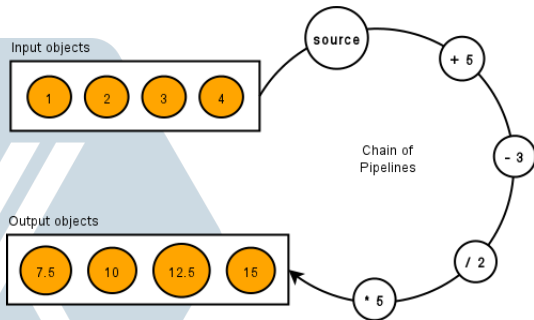


Figure: Transmogrify Diagram

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Figure: Modern Times – Production line

Where we are



Large University



Figure: Large University client website

High-profile government client



Figure: High-profile government client website

One of the largest research institutions in Germany

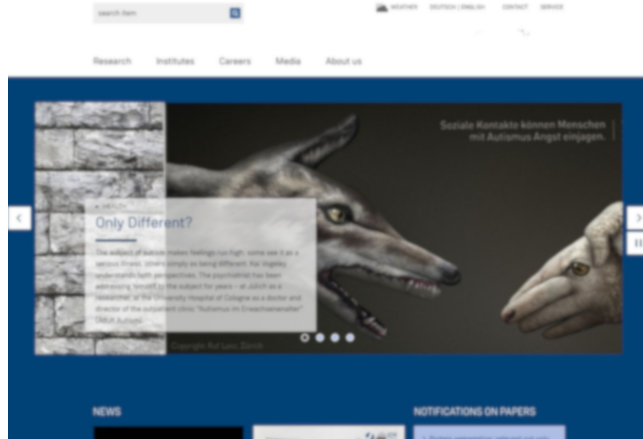


Figure: Large research institution client website

Where we are



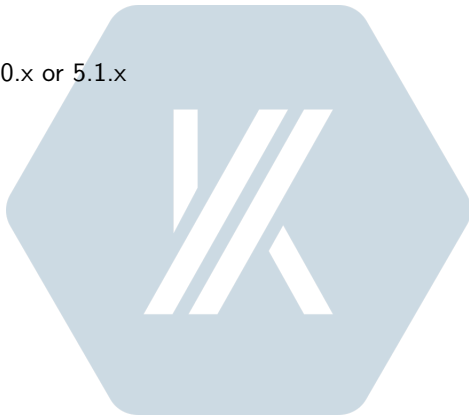
The challenge

- From:
 - Python 2.x



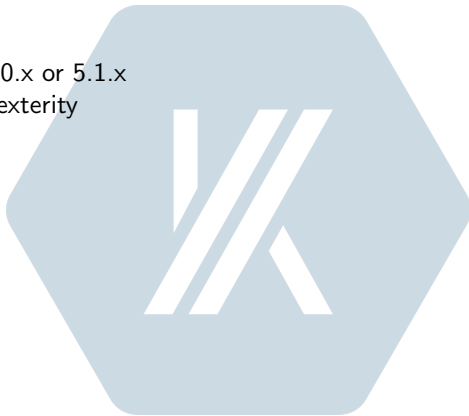
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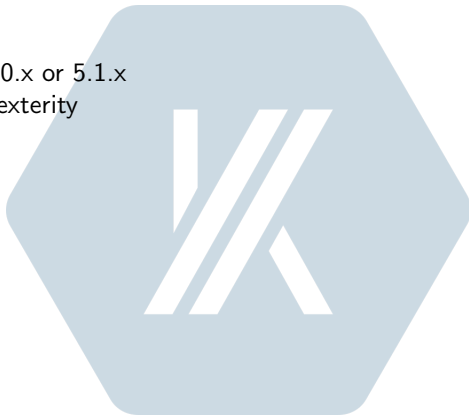
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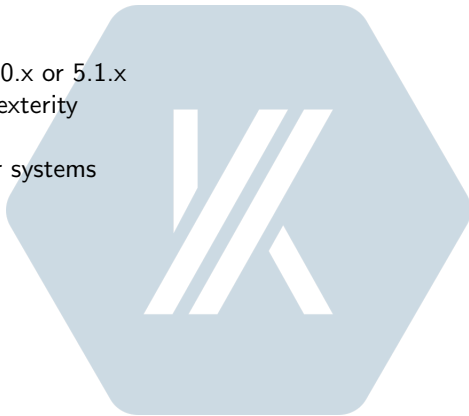
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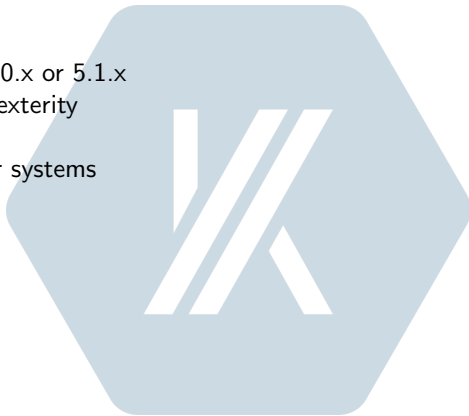
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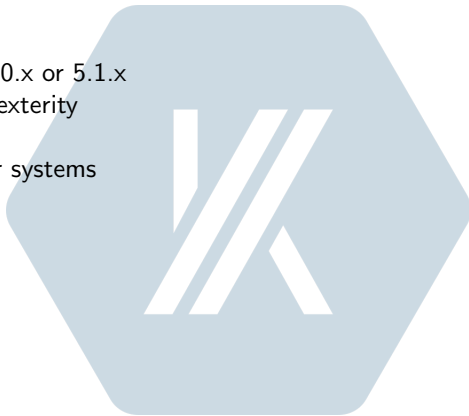
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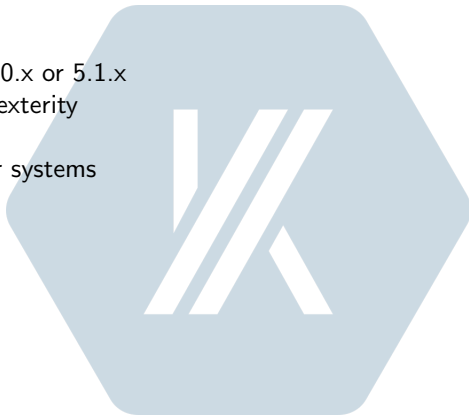
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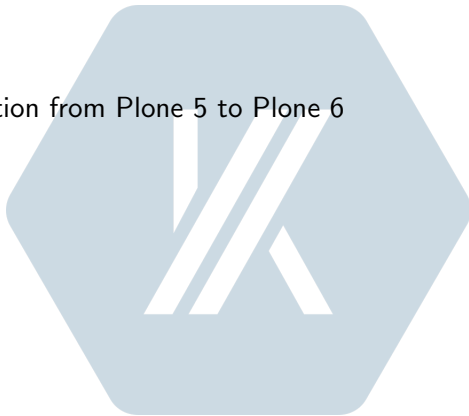
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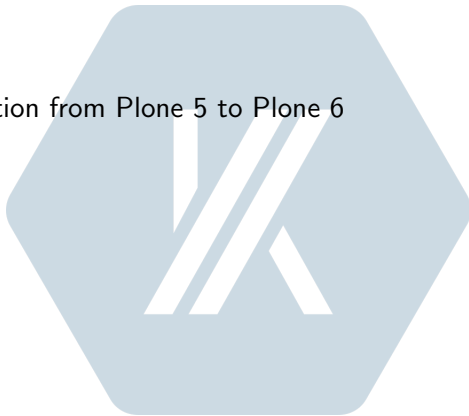
Advantages for the clients

- They spare a migration from Plone 5 to Plone 6



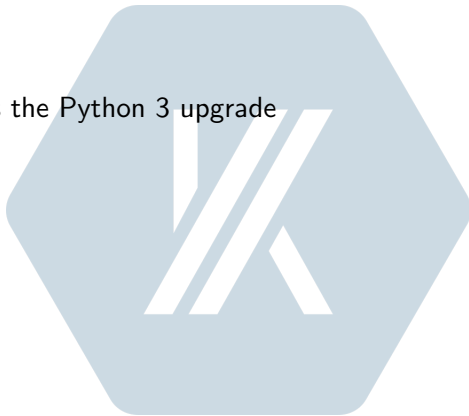
Advantages for the clients

- They spare a migration from Plone 5 to Plone 6
- At least part of it



Advantages for Plone solutions providers

- A way to sell clients the Python 3 upgrade



Advantages for Plone solutions providers

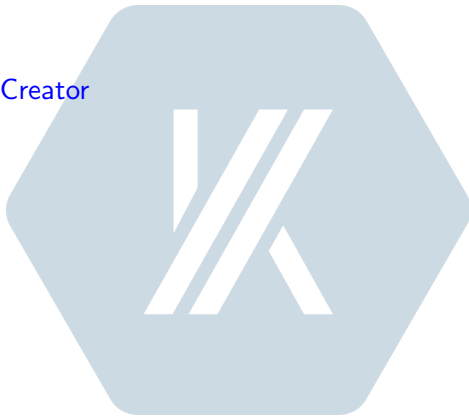
- A way to sell clients the Python 3 upgrade
- Which is costly but does not gain the client anything in terms of functionality



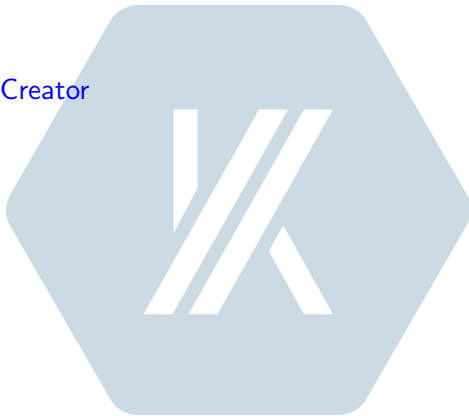
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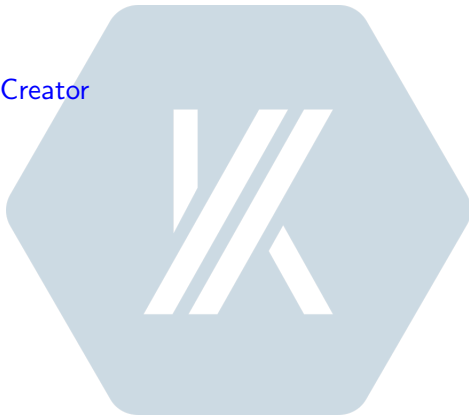
- kitconcept Content Creator



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Commander Utility

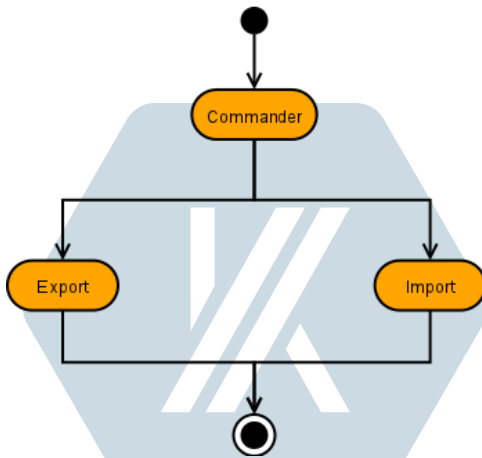


Figure: Commander Utility

Jenkins

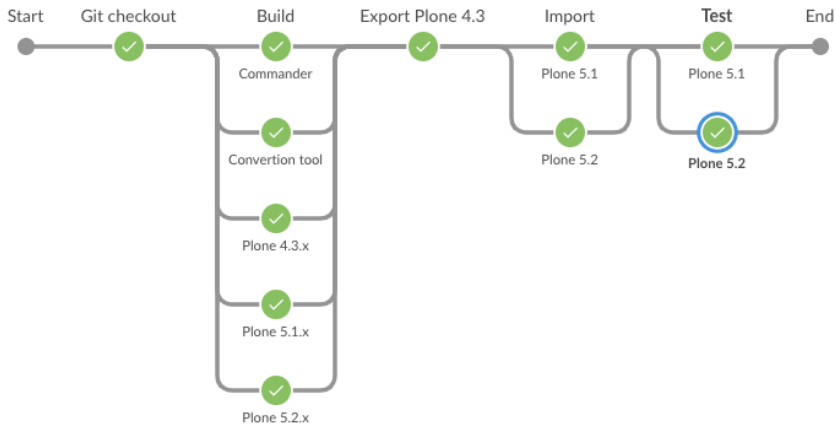


Figure: Jenkins

Migration Server

✓ migration-32 >

Pipeline

Changes

Tests

Artifacts

↺

↻

Logout

✕

Branch: —

🕒 2h 42m 53s

Changes by Víctor Fernández de Alba, Rodrigo Ferreira de Souza

Commit: —

🕒 5 days ago

Started by user Rodrigo Ferreira de Souza



Figure: Migration Server

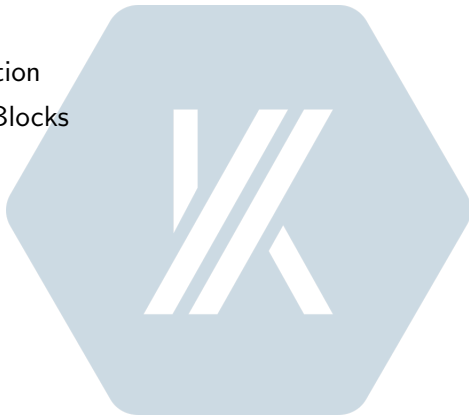
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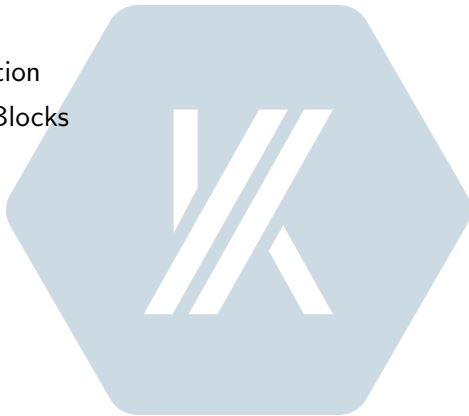
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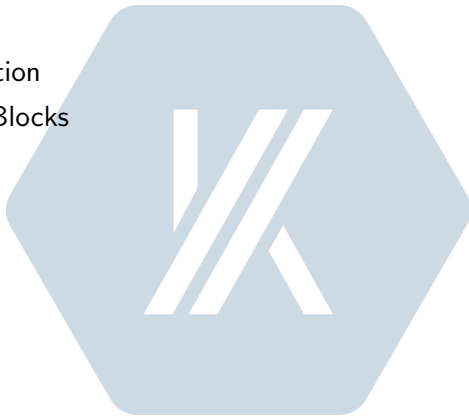
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- RichText → Volto Blocks



- ATTopics → Collection
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The Volto part

- What we Polish to enter in Volto land:
 - Use Collective Folderish Types



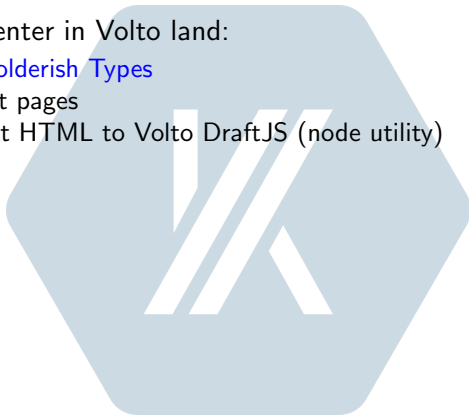
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Questions?



