

Data migration to Plone 5.2 and Volto

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Where we are

1 Knoledgements

2 Use cases

3 The challenge

4 Our way

5 Details on how we did things



Options to Migrate

- Plone 4.3 → Plone 5+
 - Collective Transmogrifier



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 - [Collective Transmogrifier](#)
- Plone 5.1 → Plone 5.2+
 - [Migrate a ZODB from Python 2.7 to Python 3](#)

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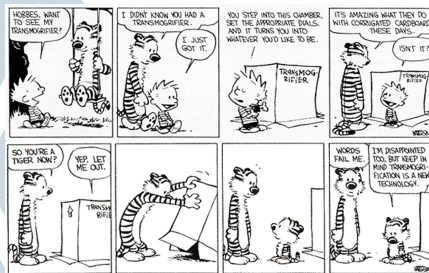


Figure: A transmogrifier is fictional device used for transforming one object into another object.

Why we use Transmogrifier?

- Have many generic Pipelines available for common cases



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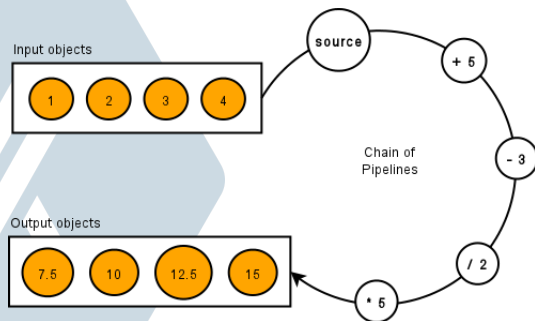


Figure: Transmogrify Diagram

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Figure: Modern Times – Production line

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Knoledgements
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Large University

High-profile government client
One of the largest research institutions in Germany

Large University



Figure: Large University client website

High-profile government client



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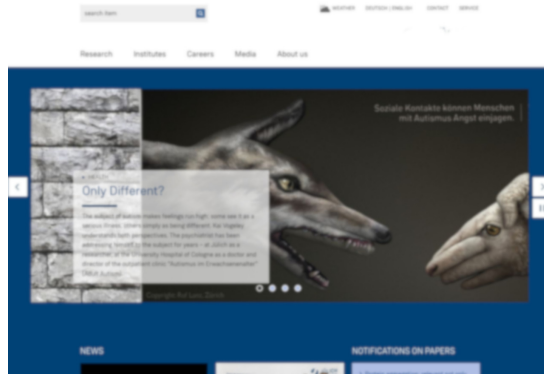


Figure: Large research institution client website

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The challenge

- From:
 - Python 2.x



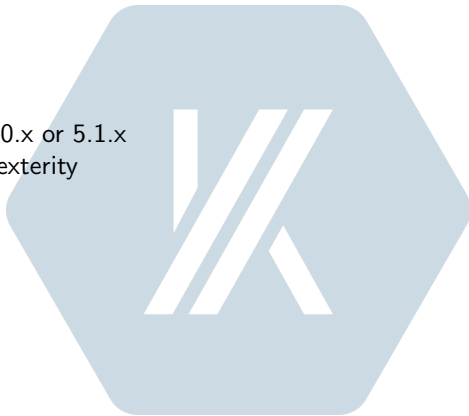
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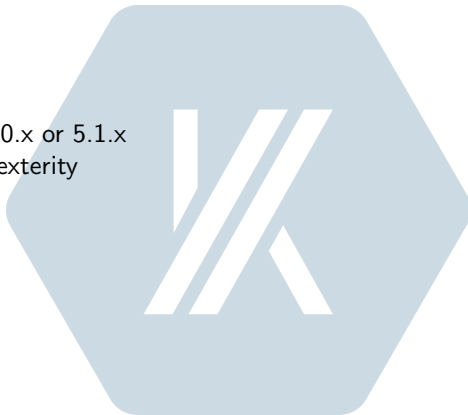
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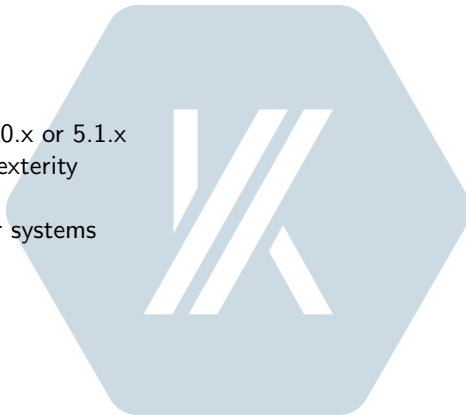
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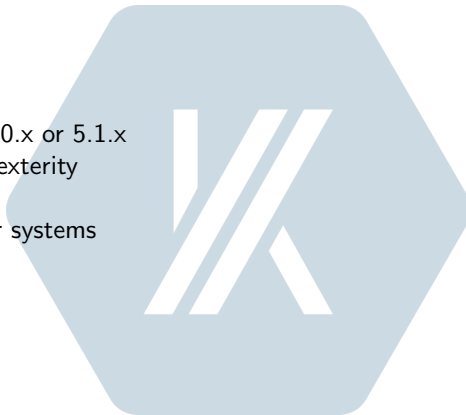
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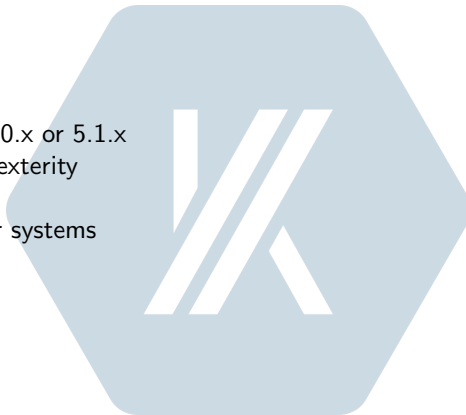
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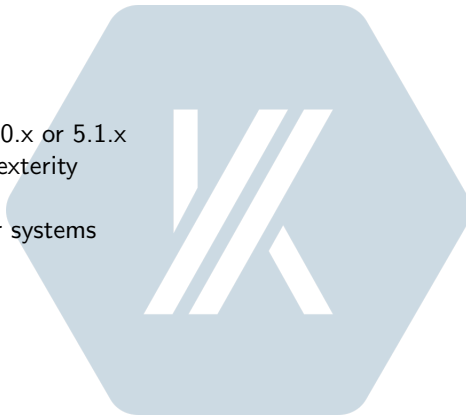
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- They spare a migration from Plone 5 to Plone 6



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- 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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- Migration Plone 5

Commander Utility

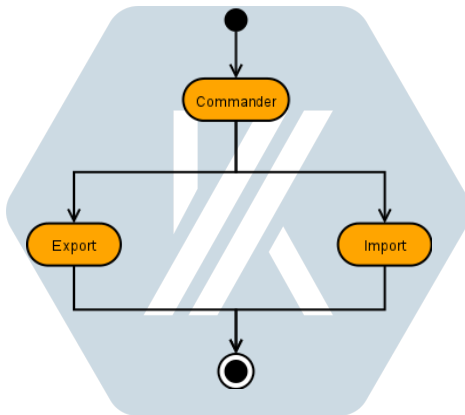


Figure: Commander Utility

Jenkins

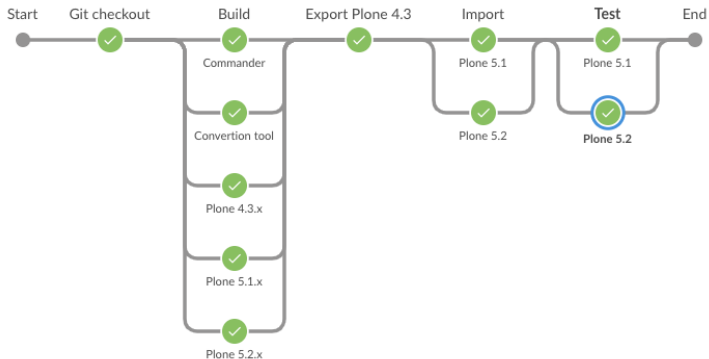


Figure: Jenkins

Migration Server

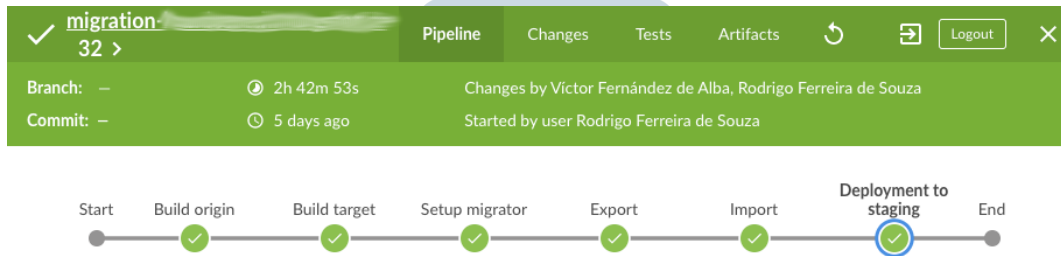


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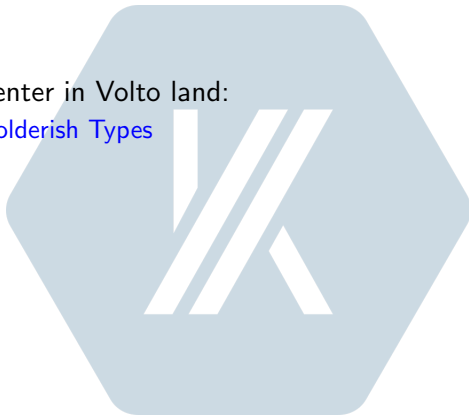
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- RichText → Volto Blocks

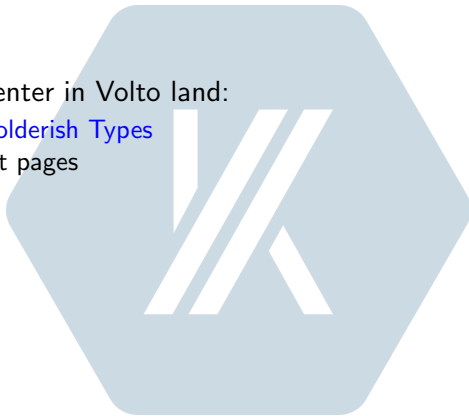
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Questions?



