iiRDS voll automatisch

mit Machine Learning zum intelligenten Austauschformat

Jan Oevermann









Paketformat Metadatenmodell



iiRDS Specification

intelligent information Request and Delivery Standard



Request for Comments - 20 October 2017

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Implementation:

RDF Schema

Previous Version:

First Public Working Draft

Other Resources:

Website

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Abstract

This specification defines the intelligent information Request and Delivery Standard: iiRDS.

4. The iiRDS Metadata Model in the RDF Schema

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and metadata

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Who makes iiRDS?

Dynamic documentation requires topics

Standardized package format

No authoring standard

External Contributors

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Naming files and directories

1.

1.1

1.1.1

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1.1.4

1.2.1

1.2.2

1.3

2.

2.1

2.2

3.

3.1

3.1.1

3.1.2

3.1.3

3.2

3.2.1

3.2.2

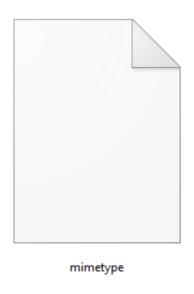
1.2

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IIRDS Paketformat

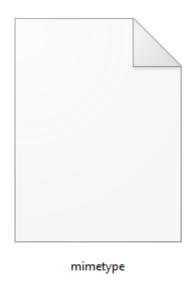








IIRDS Paketformat



mimetype



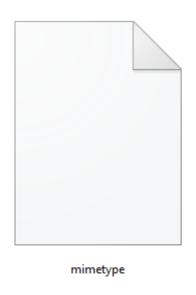
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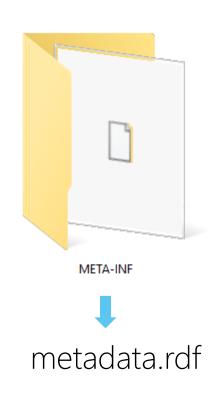


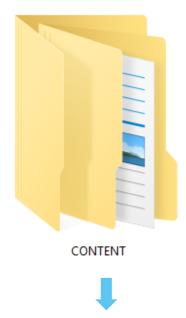
CONTENT (o.A.)



IIRDS Paketformat





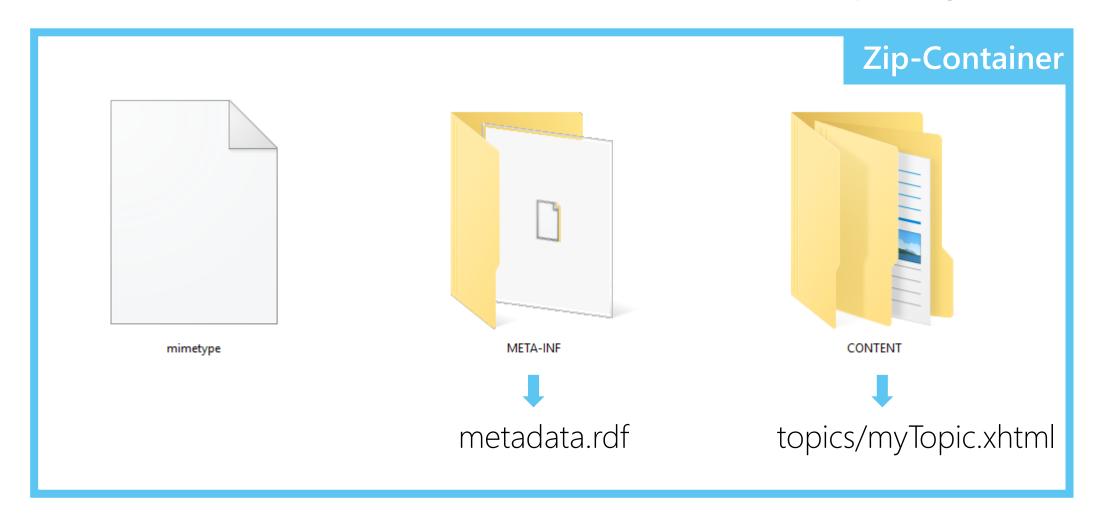




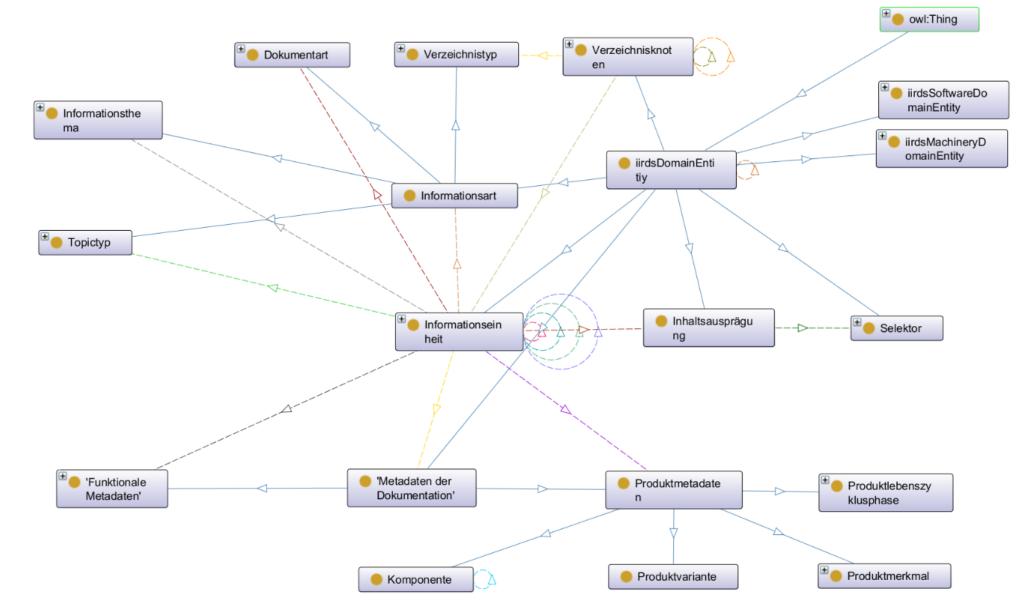




package.iirds



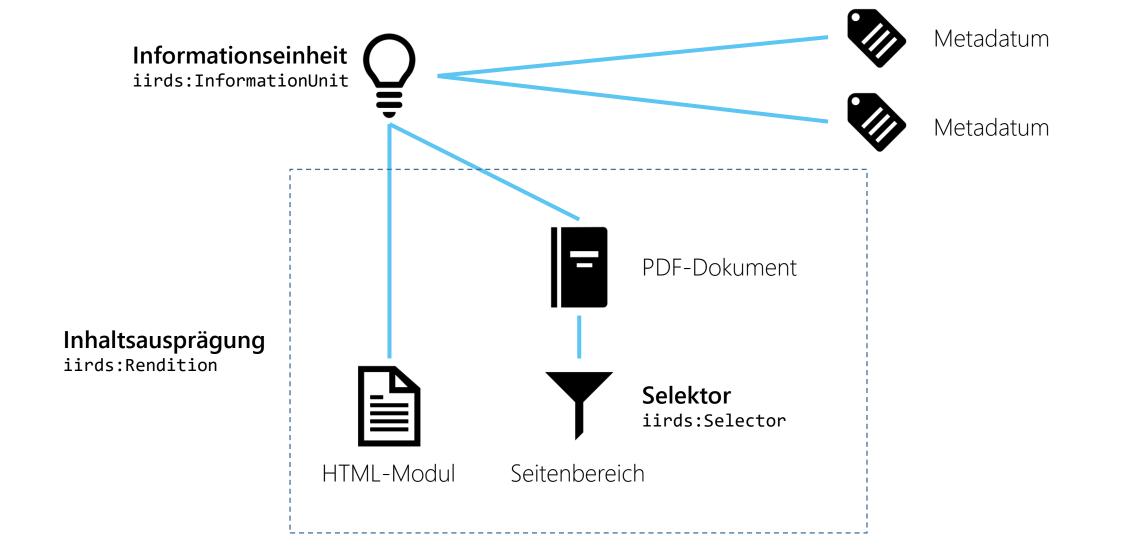






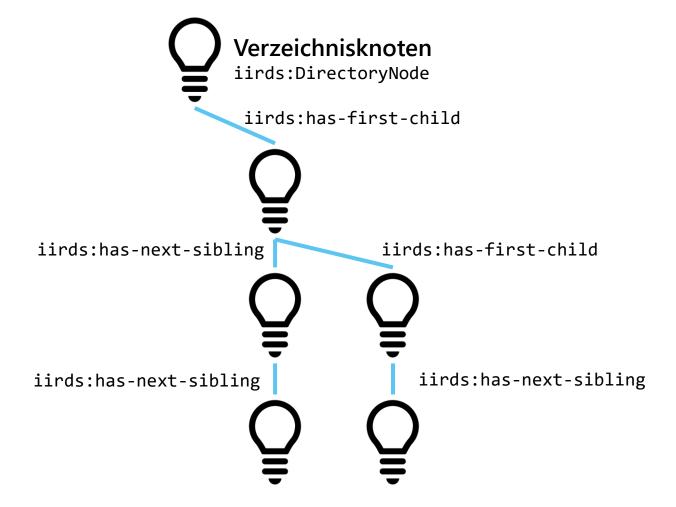
















voll automatisch

















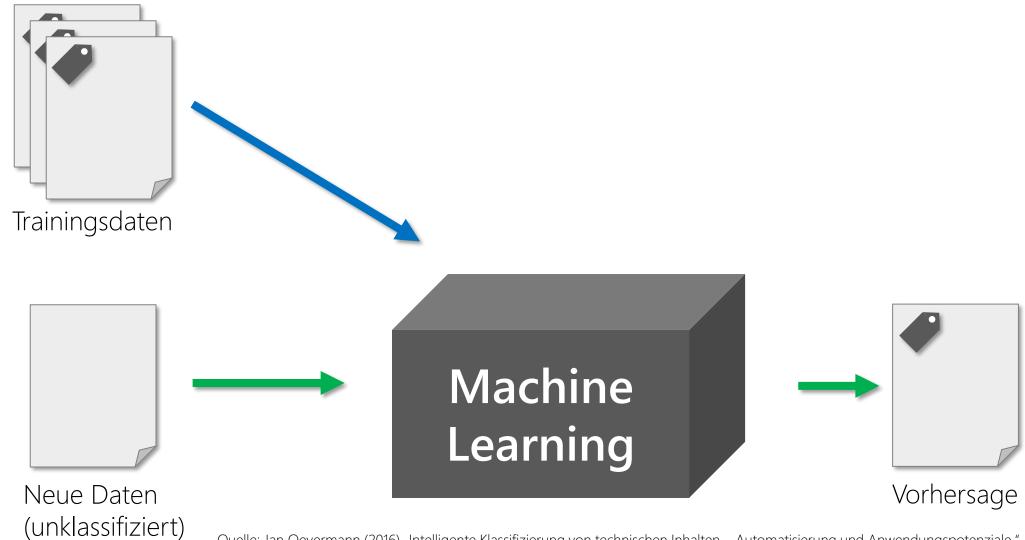
mit Machine Learning zum intelligenten Austauschformat



mit Machine Learning zum intelligenten Austauschformat



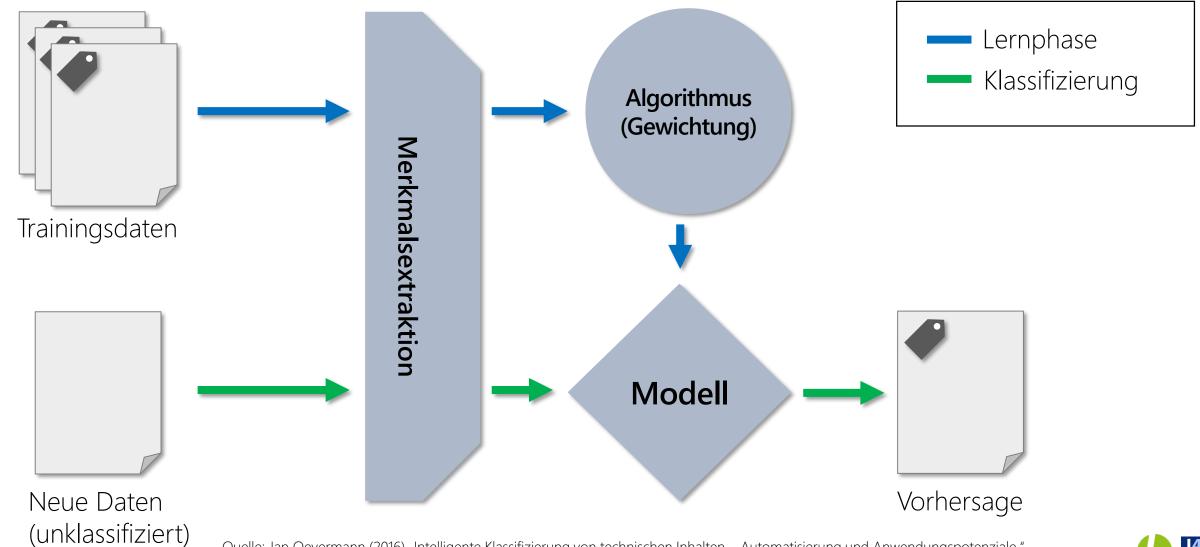
Metadaten durch Machine Learning





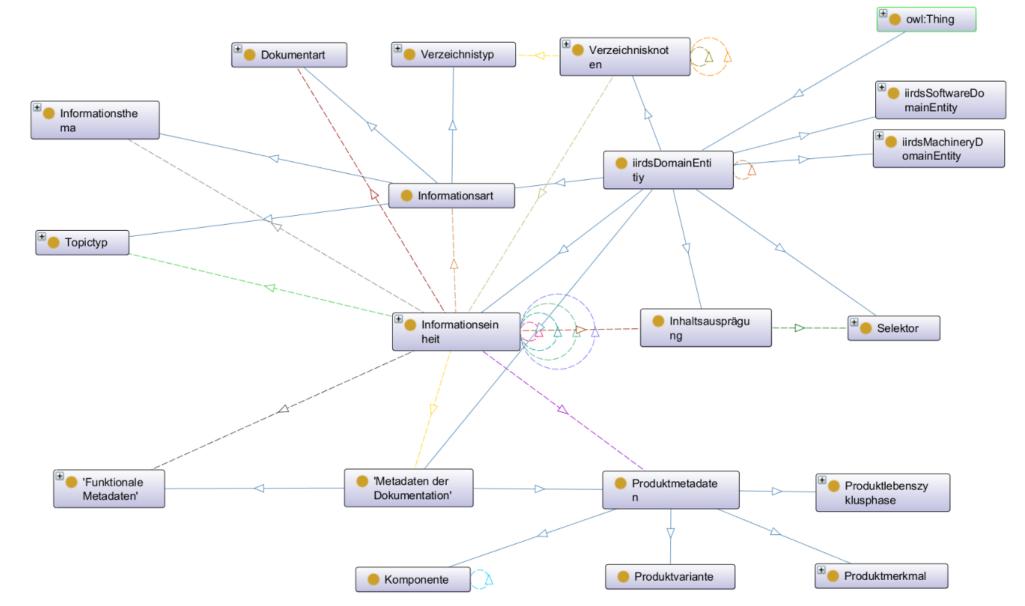
Quelle: Jan Oevermann (2016) "Intelligente Klassifizierung von technischen Inhalten – Automatisierung und Anwendungspotenziale ". In: Tagungsband zur tekom Jahrestagung 2016, tcworld : Stuttgart

Metadaten durch Machine Learning



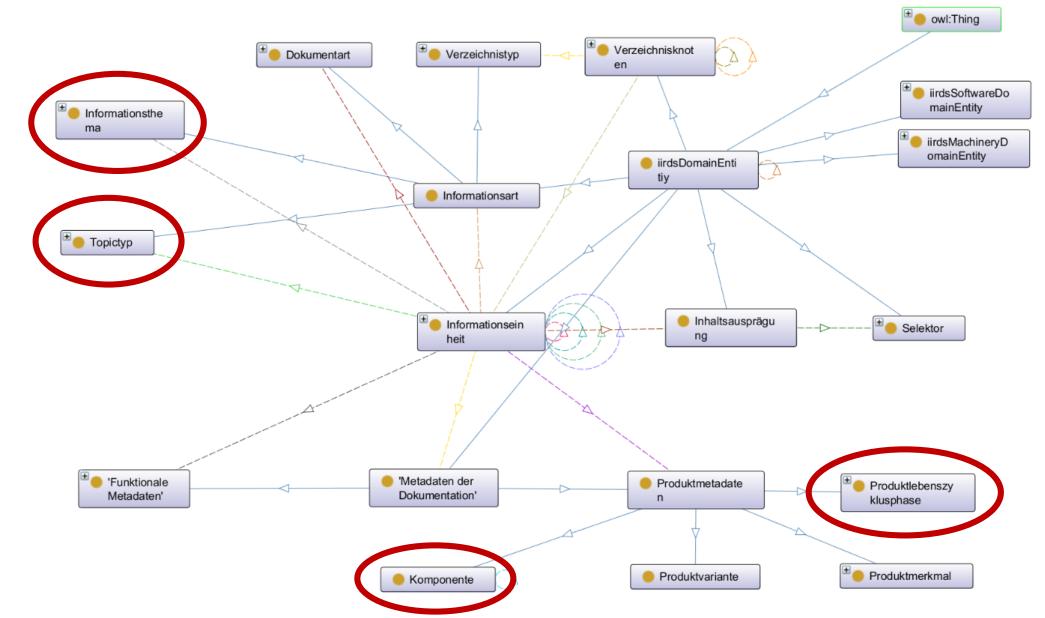






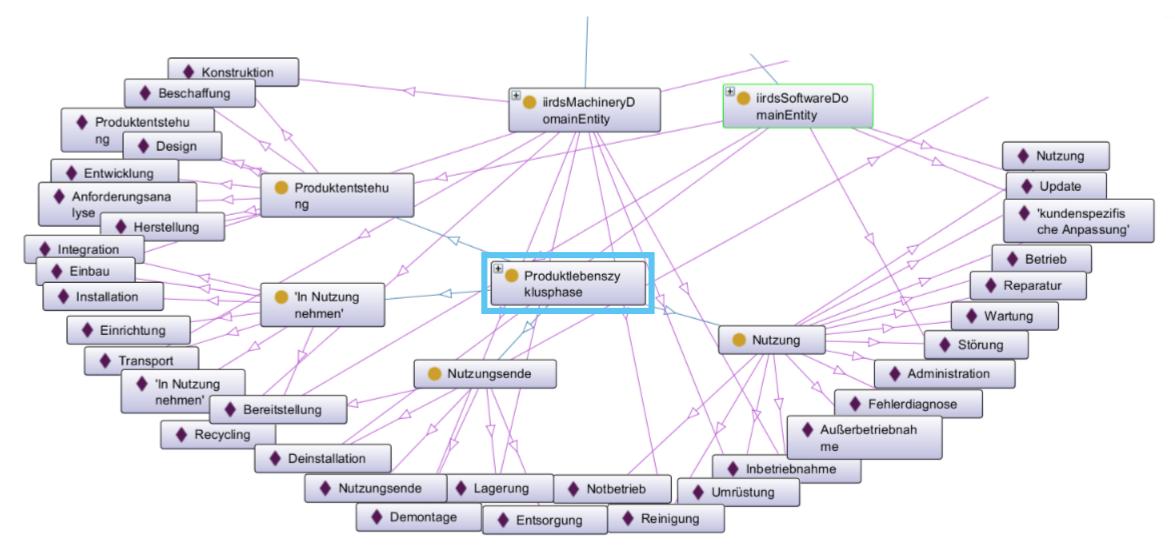










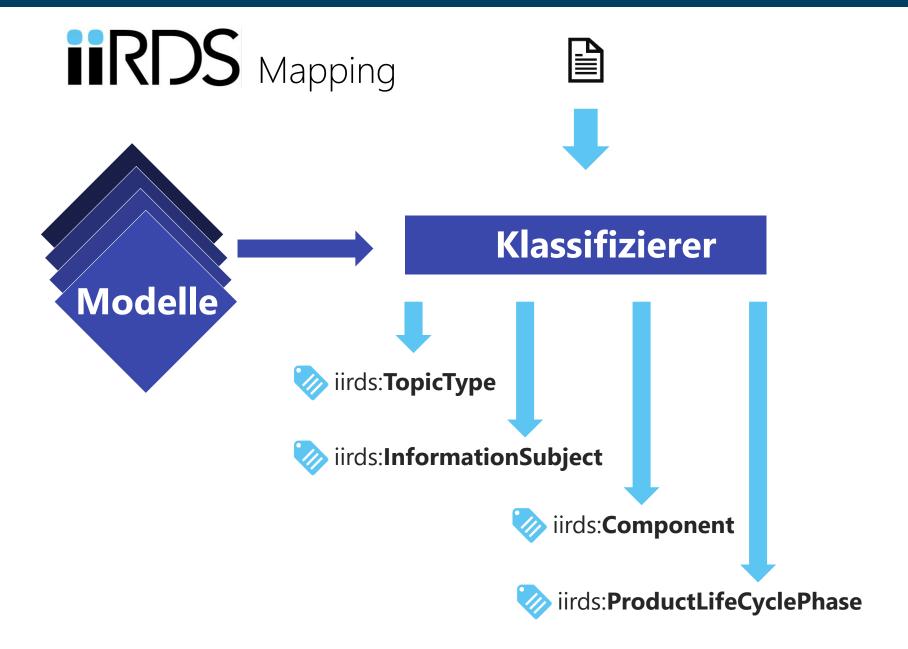






PI-Class®	iiRDS Klasse	iiRDS Instanz	iiRDS Domäne
Transport	iirds:ProductLifeCyclePhase	iirds:Transport	Machinery
Lagerung	iirds:ProductLifeCyclePhase	iirds:Storage	Machinery
Inbetriebnahme	iirds:ProductLifeCyclePhase	iirds:Commissioning	Machinery
Sicherheit	iirds:InformationSubject	iirds:SafetyInstruction	Core
Betrieb	iirds:ProductLifeCyclePhase	iirds:Operation	Core
Störungsabhilfe	iirds:TopicType	iirds:Troubleshooting	Core
Entsorgung	iirds:ProductLifeCyclePhase	iirds:Disposal	Core
Außerbetriebnahme	iirds:ProductLifeCyclePhase	iirds:Decommissioning	Core
Wartung	iirds:ProductLifeCyclePhase	iirds:Maintenance	Core
Instruktion	iirds:TopicType	iirds:GenericTask	Core
Deskription	iirds:TopicType	Iirds:GenericConcept	Core

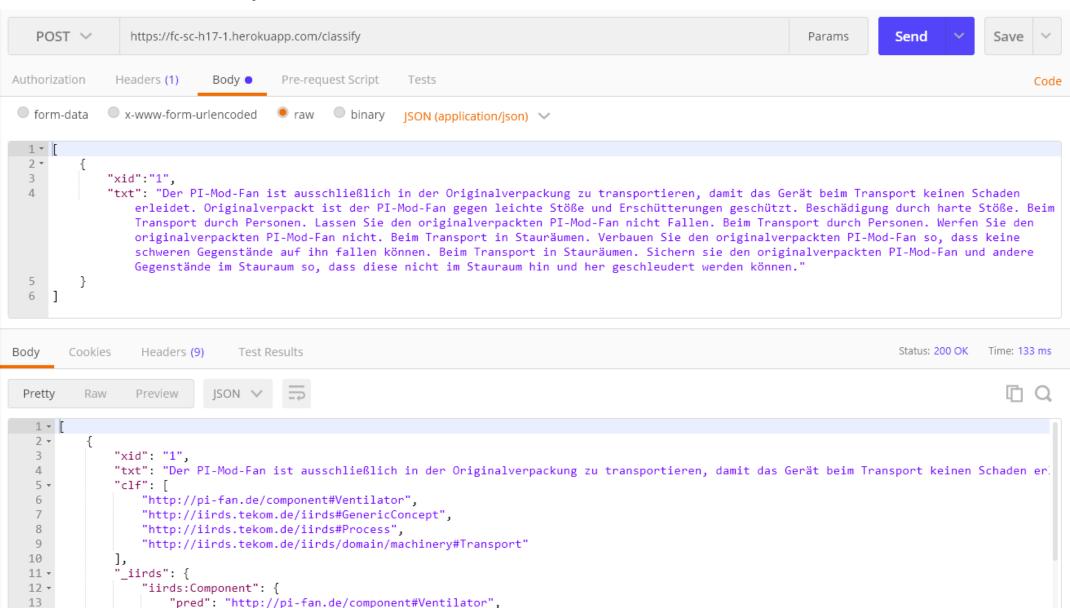








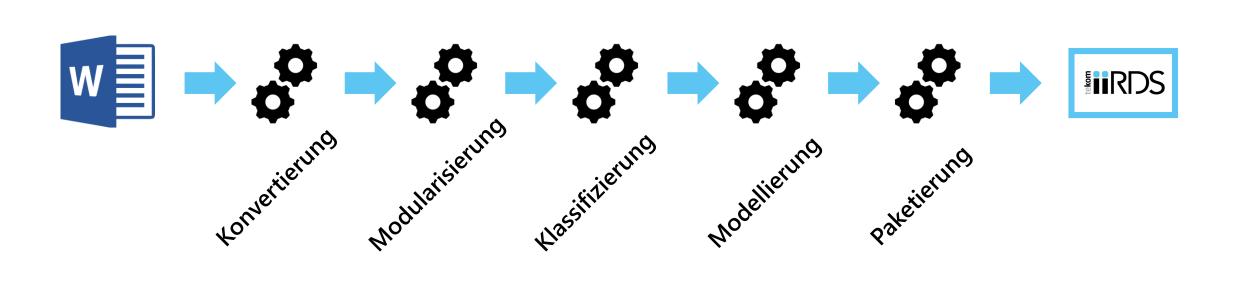
iiRDS + fastclass



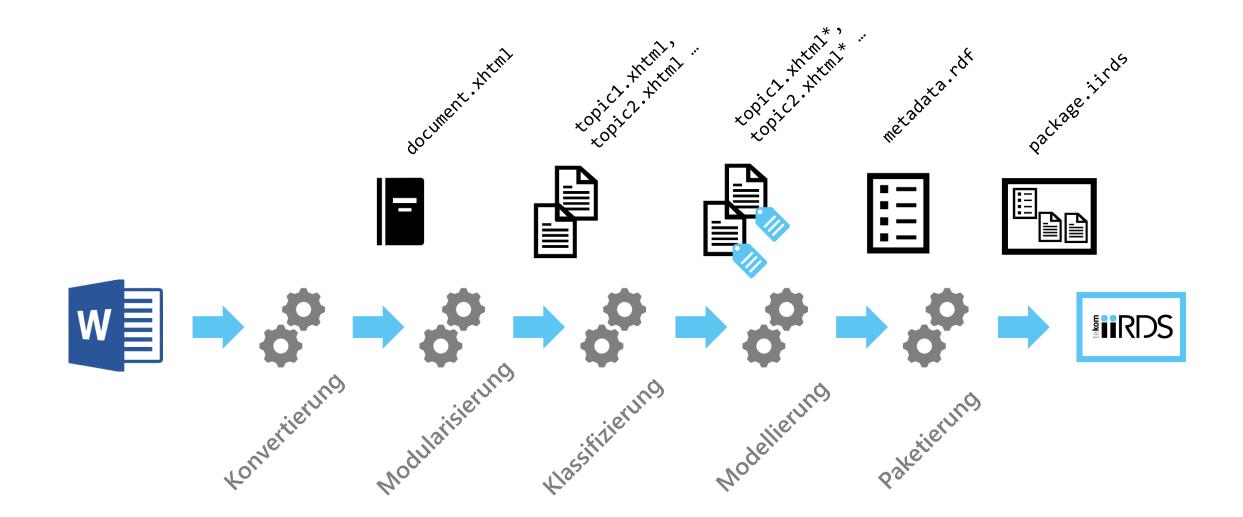


Prozess













Umsetzung



X infoflow

fast**class**



Publikationsplattform

von Jan Oevermann, Open Source entstanden aus Masterarbeit

Automatisierte Klassifizierung

von Jan Oevermann, Open Source entstanden aus Doktorarbeit

Referenzcontent

von Wolfgang Ziegler et. al., Open Source www.pi-fan.de



Alternative Umsetzung

iiRDS01 PANEL DISCUSSION



Prototype Implementations of iiRDS (Showcase)

Prof. Dr. Michael Schaffner, BIOS

Showcase 2: Jan Oevermann (ICMS) + Markus Wiedenmaier (practice innovation) From Word to intelligent app with iiRDS

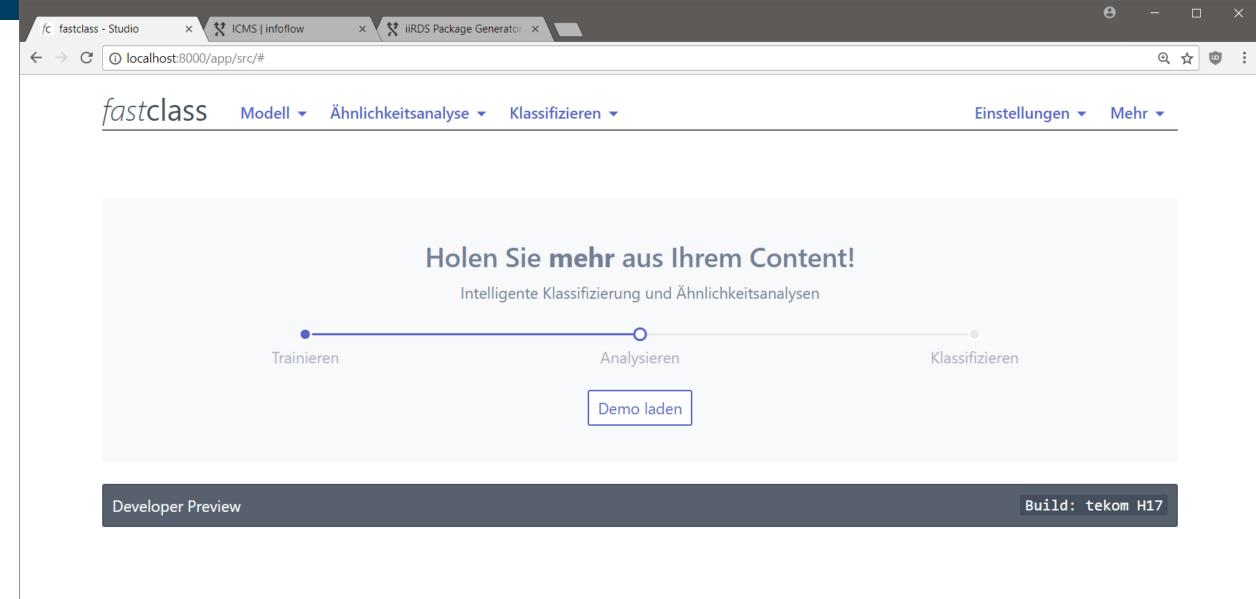
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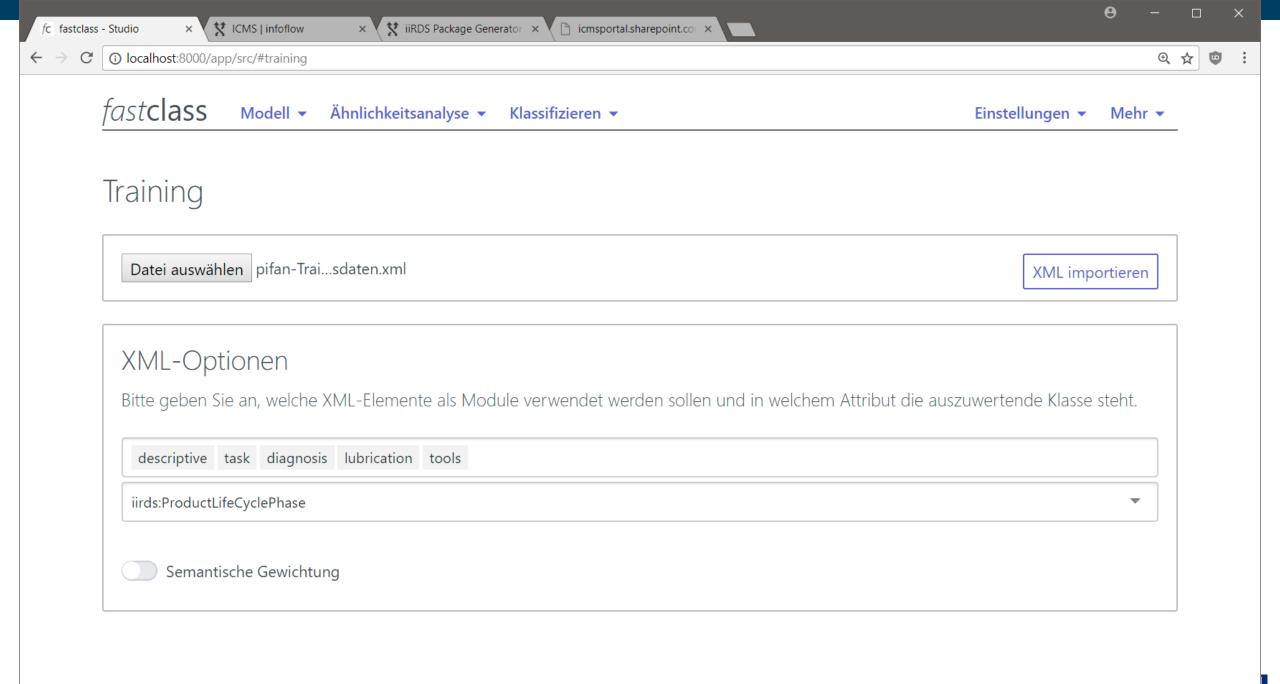
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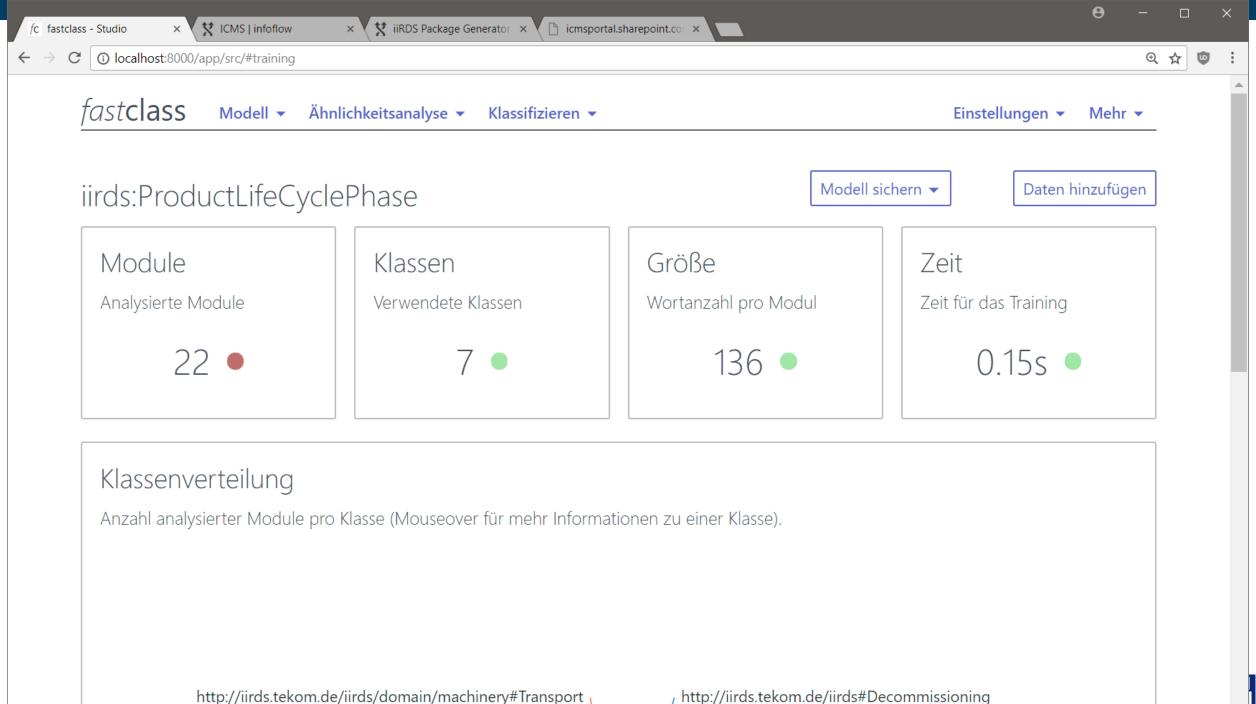


Demo



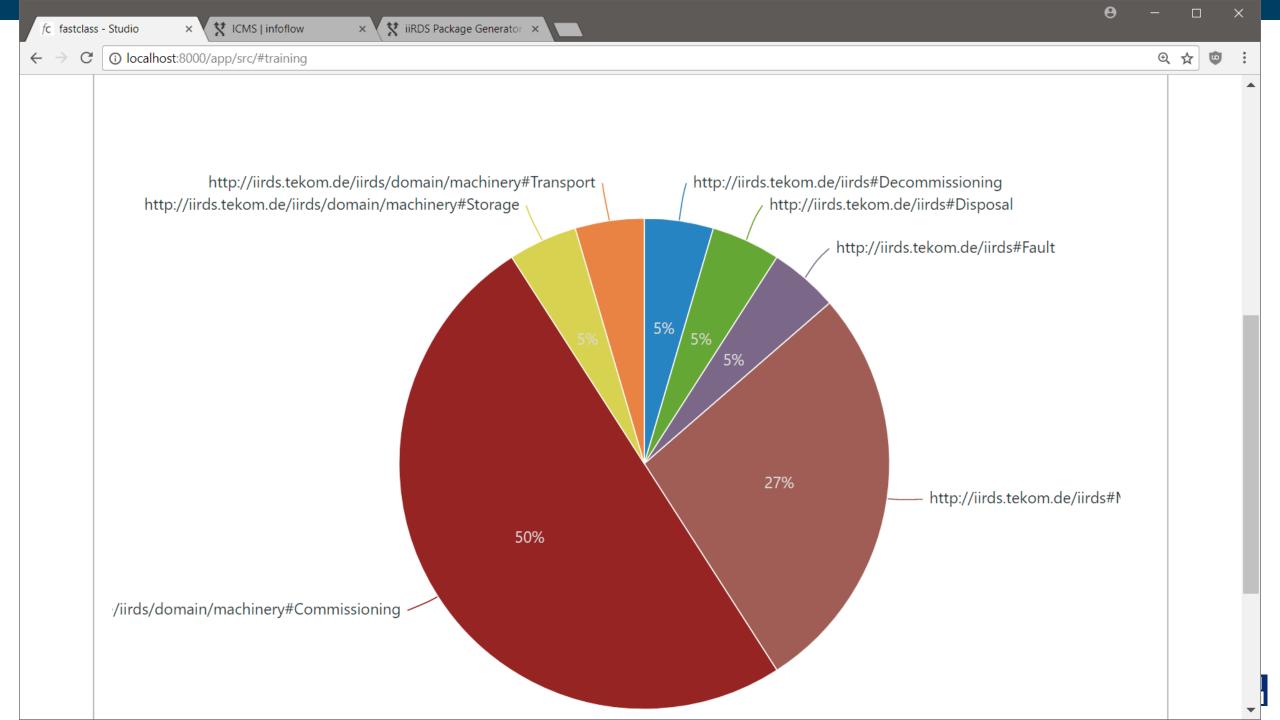


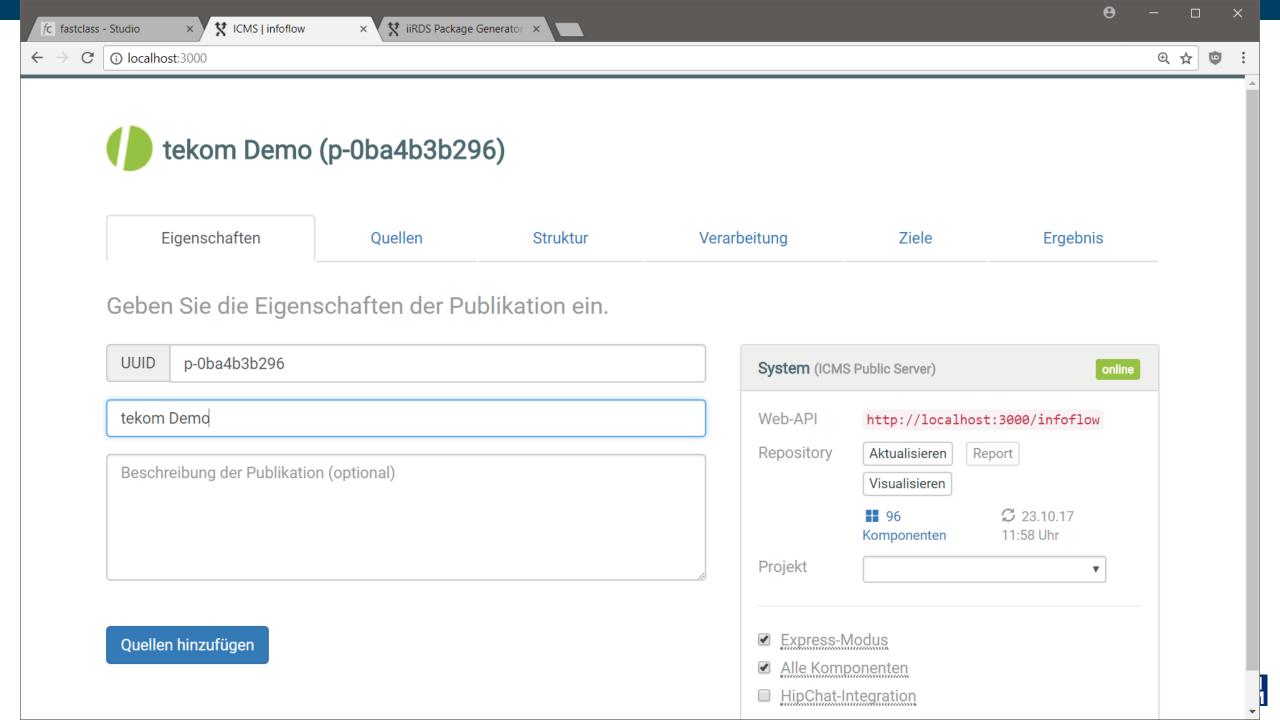


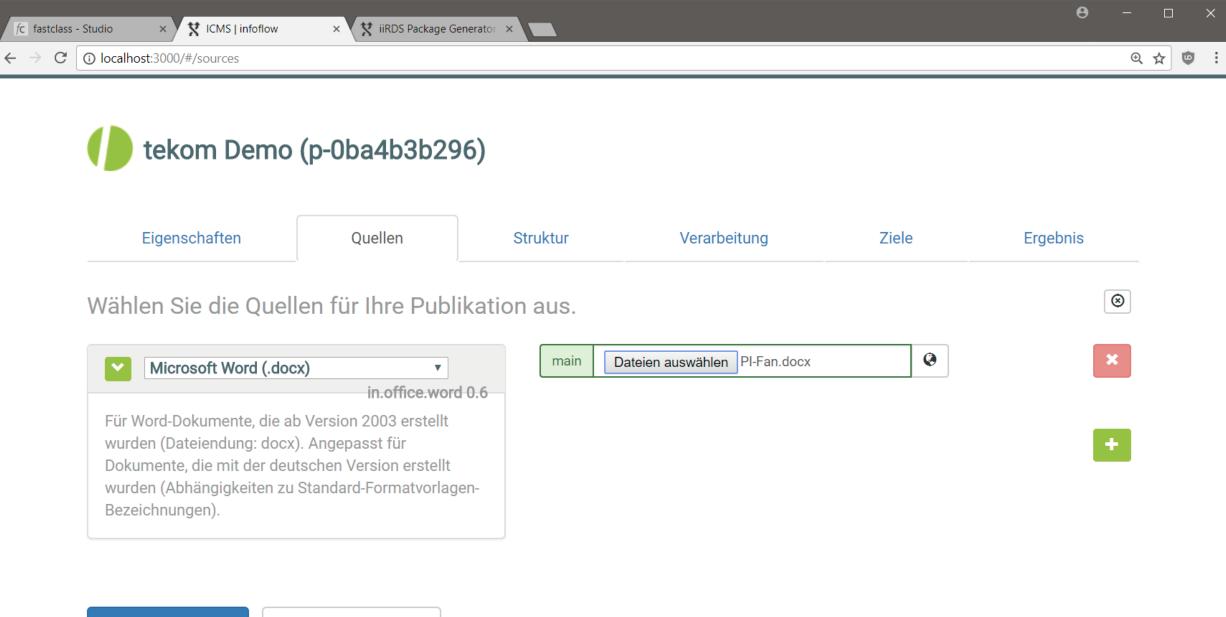


http://iirds.takam.da/iirds/damain/machinan/#Staraga

http://iirds.tekom.de/iirds#Decommissioning http://iirds.tokom.do/iirds#Disposal

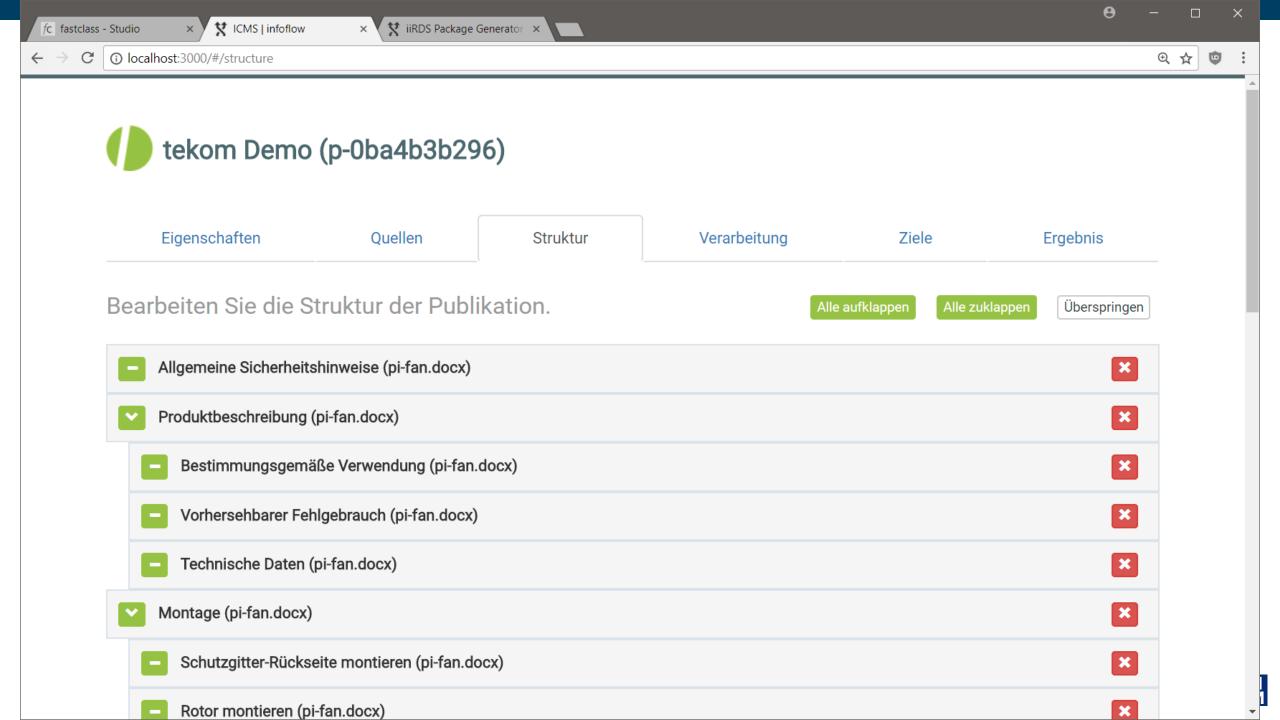


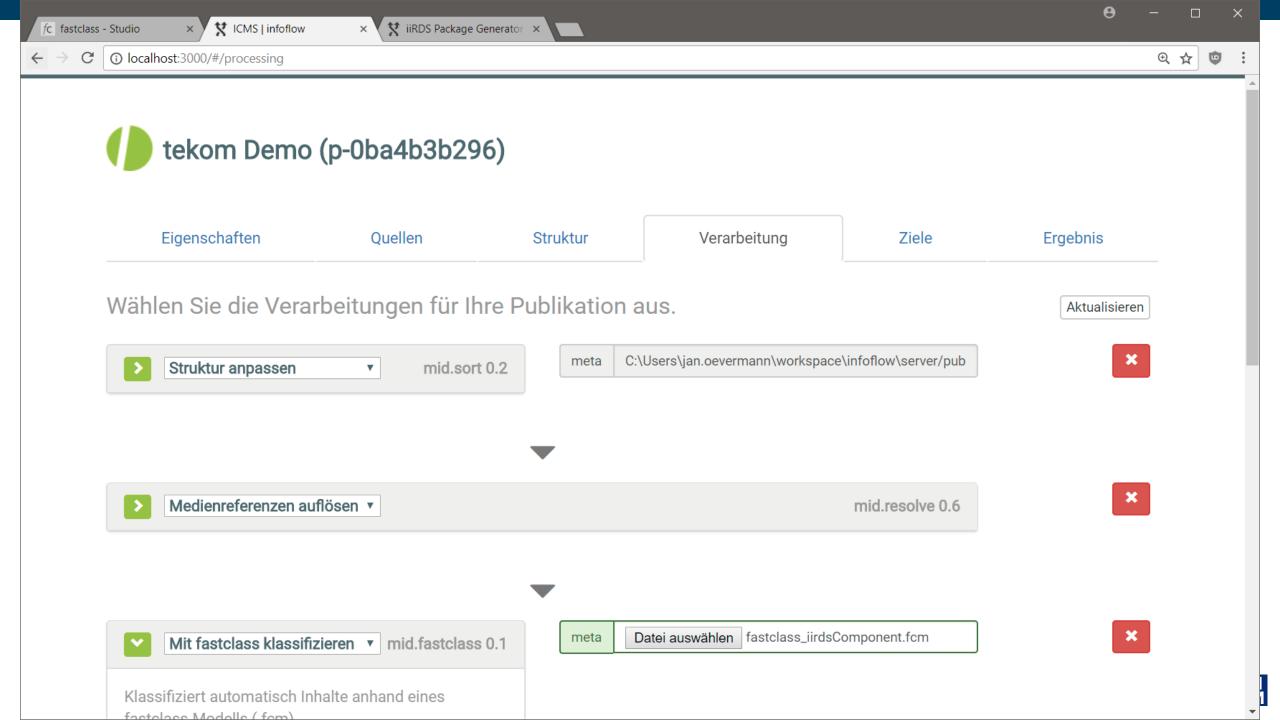


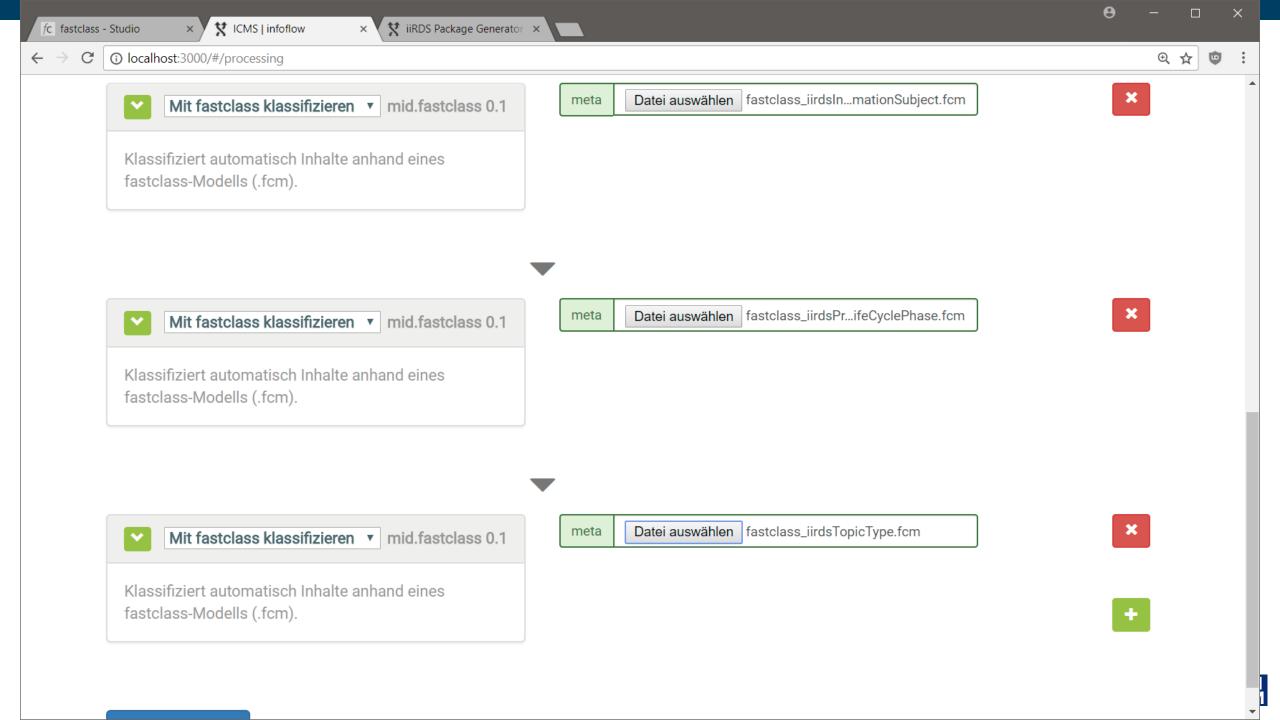


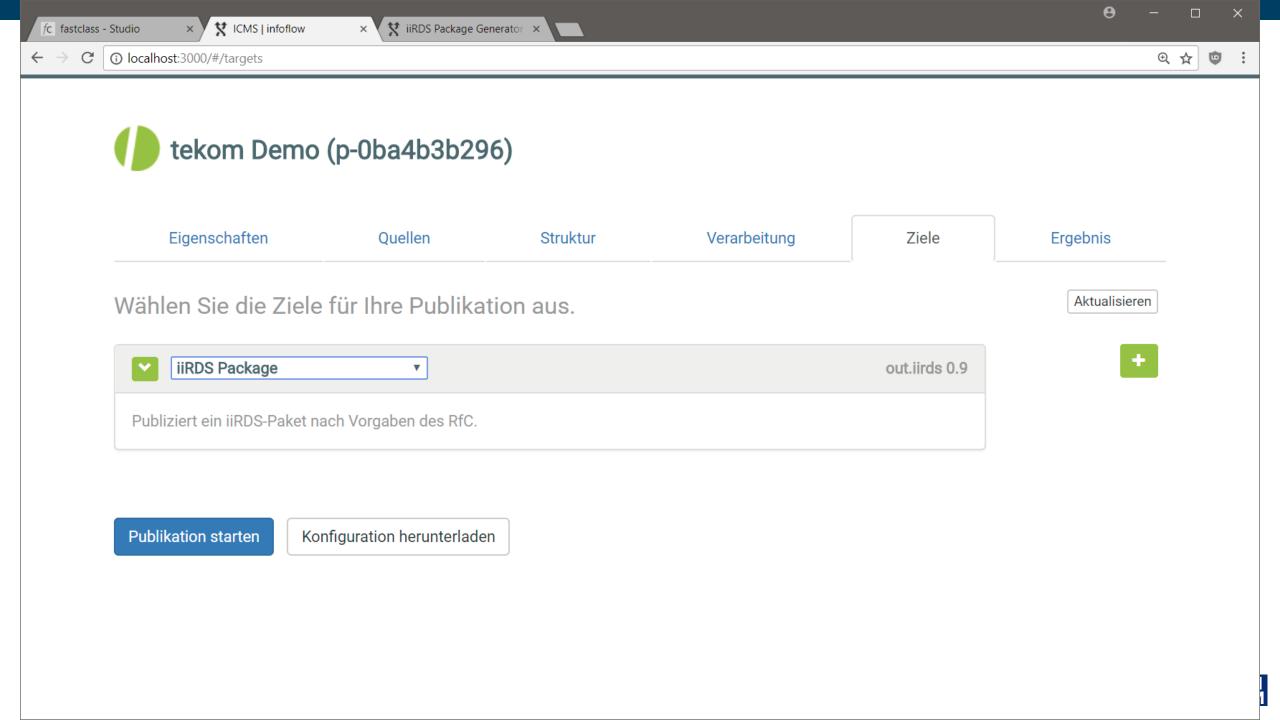
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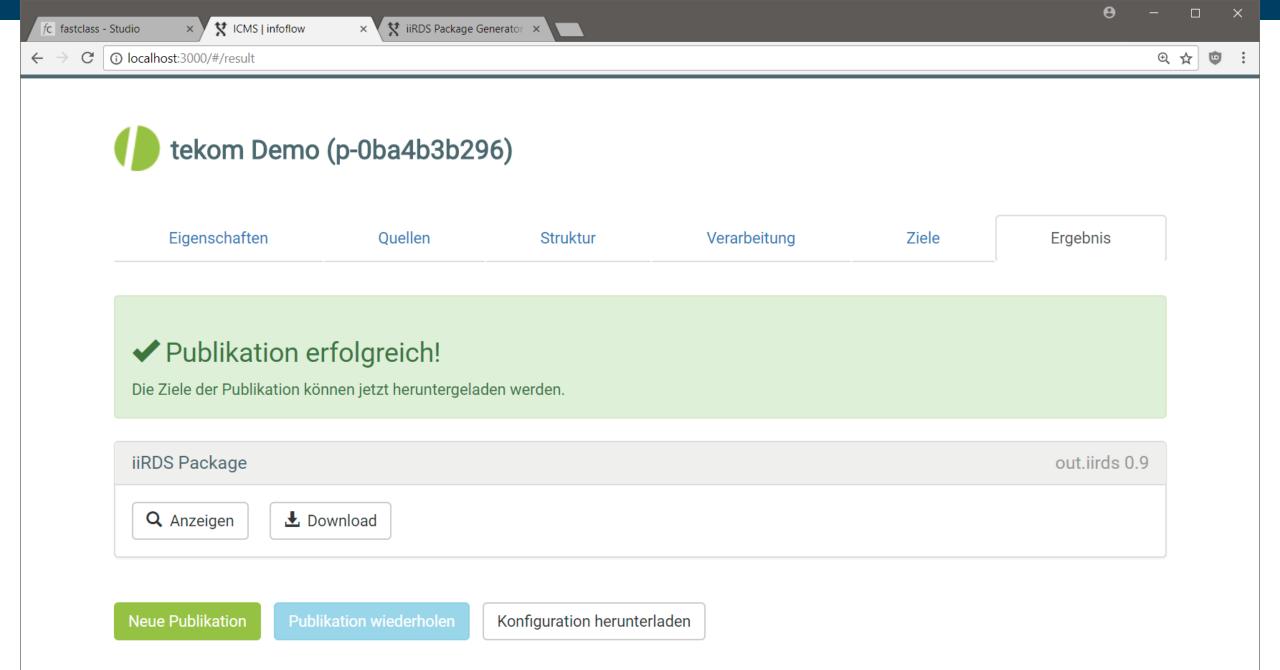
Struktur überspringen

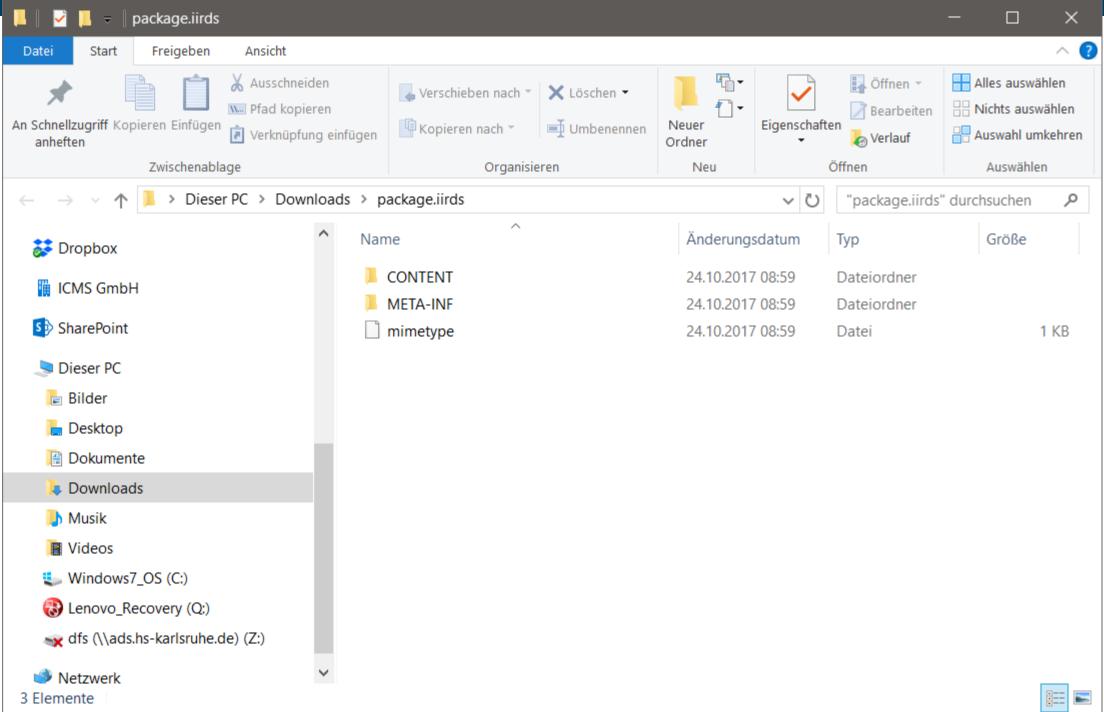






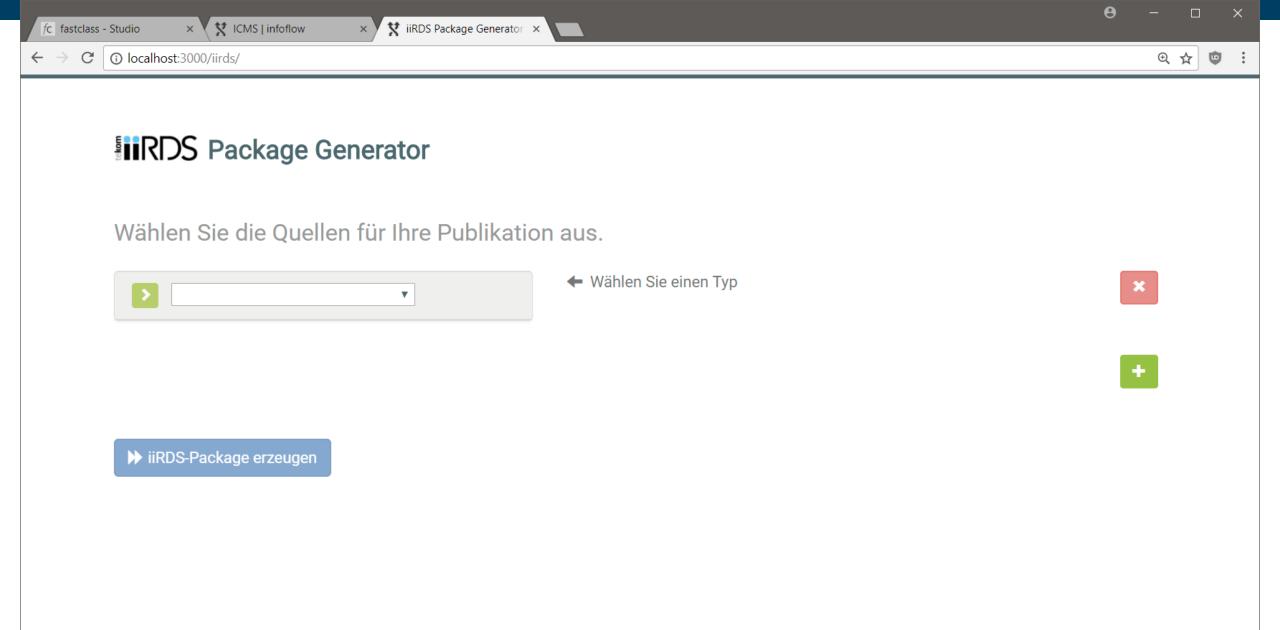












package.iirds



FIIRDS Package Generator

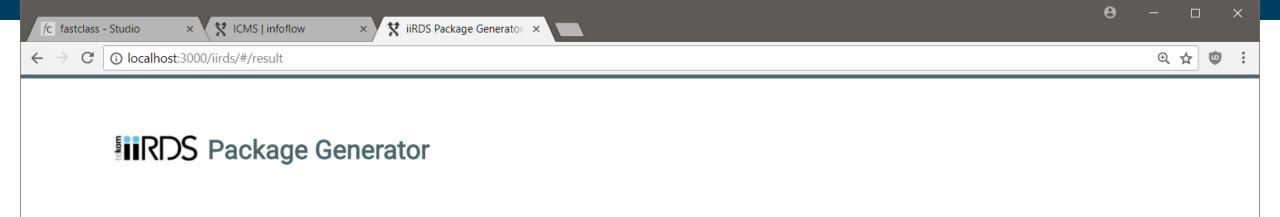
Wählen Sie die Quellen für Ihre Publikation aus.













iiRDS Package



Neue Publikation

Publikation wiederholen

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LITERATUR

janoevermann.de

CODE

github.com/j-oe/h17

IN KOOPERATION MIT









LITERATUR janoevermann.de

code github.com/j-oe/h17



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