

# Theadok - Theaterdokumentation

Collecting metadata of performances

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ÖAW

ÖSTERREICHISCHE  
AKADEMIE DER  
WISSENSCHAFTEN



PARTHENOS

Pooling Activities, Resources and Tools  
for Heritage E-research Networking,  
Optimization and Synergies

tfm



universität  
wien

# What is Theadok?

- Find out at: <https://theadok.at>
- Aim of Theadok
  - Collecting metadata of performances
  - Current focus: performances of dance and theatre in Austria between 1945 and 2001
  - Gathering new data
- History of Theadok
  - Collecting material to performances (esp. theatre reviews) since the establishment of the Department of Theatre Studies at Vienna University in 1943
  - In 1970s first attempts to create a database out of this material (and also to connect with other collections at other Departments)
  - Around 2000: OpenTheadok - a first web version of Theadok (based on CD: *50 years of theatre in Austria*)
  - Since 2015 re-design of data model and website

Frontpage of Theadok: <https://theadok.at> (all screenshots taken on July 11, 2018)

theadok

Theadok

Home

Lists ▾

Imprint

Privacy notice

EN

Log in

Theadok is currently in beta development. Be aware, that some functions, the layout of the website and some of the data needs further adaption. If you find erroneous data or if you have some suggestions for useful functions, please contact us: [theadok.tfm@univie.ac.at](mailto:theadok.tfm@univie.ac.at)

## WHAT IS THEADOK ABOUT?

We collect data for research about performances of theater and dance. The geographical focus is Austria. Our aim is not a complete inventory of performances in Austria, instead we work on a model to process research data on performances.

Search for title of performance/playtext, name of

SEARCH

Image credits

Performance: [Queer Souvenir on Tour](#). Photo by Brigitte Marschall

Frontpage of Theadok (scrolling down): <https://theadok.at>



## DATA

There is data on about 30.000 performances, that is either produced or staged in Austria. It covers the time span 1945 to 2001.

[Read more](#)



## SHARING

Theadok is a contribution to a developing digital infrastructure for theatre research projects. Sharing data is a crucial aspect in building this infrastructure up.

[Read more](#)



## PARTICIPATE

Theadok invites projects and individuals to work with us, if they like to put their data into a digital platform.

[Read more](#)

This collection of data on performances is not aiming for completeness. Also be aware, that the data itself is different in quality and detailedness, dependent on the sources. Consider this remarks when doing analysis and draw conclusions based on data from Theadok.

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Example of a search result: Searching for "radovic"

radovic

SEARCH

# Search results

Displaying 1 - 5 of 5

Person

- |   |  |
|---|--|
| 1 | <a href="#">Obradovic, Katarina</a>        |
| 2 | <a href="#">Preradovic, Vesna</a>          |
| 3 | <a href="#">Radovic-Belovic,<br/>Dusan</a> |
| 4 | <a href="#">Radović, Dušan</a>             |

Bühne

- |   |                            |
|---|----------------------------|
| 5 | <a href="#">Paula-von-</a> |
|---|----------------------------|

Dataset on a person found by the search: <https://theadok.at/person/82719> (see identifier and references to authority files)

# Radović, Dušan

Identifier: <https://theadok.at/person/82719> (Last change: 22.12.2017 - 18:20)

## Person

### Basisinformationen

Vorname Dušan

Nachname Radović

### Referenzen




GND Referenz [↪ http://d-nb.info/gnd/120153351](http://d-nb.info/gnd/120153351)

VIAF Referenz [↪ http://viaf.org/viaf/12532861](http://viaf.org/viaf/12532861)

DBpedia Referenz [↪ http://dbpedia.org/resource/Du%C5%A1an\\_Radovi%C4%87](http://dbpedia.org/resource/Du%C5%A1an_Radovi%C4%87)

Dataset on a person (scrolling down): <https://theadok.at/person/82719> (additional information coming from authority file GND, also seeing connections to works that are present in Theadok)

#### Zusätzliche Informationen

Themenzuordnung (Auszug von GND)	Personen zu Literaturgeschichte (Schriftsteller)
Wirkungsorte (Länder)	 <a href="#">Serbien</a>
Geboren	 01.01.1922
Gestorben	 01.01.1984
Gender	male
Import score	3

## Beteiligt bei folgenden Vorlagen

Sortiert nach dem Titel der Vorlage.

Displaying 1 - 1 of 1

	Funktion	Titel der Vorlage
1	author	<a href="#">Käpt'n Käpt'n!</a>

Dataset on a work where the person was involved: <https://theadok.at/work/33378>

# Käpt'n Käpt'n!

Identifier: <https://theadok.at/work/33378> (Last change: 22.12.2017 - 18:20)



## Vorlage

### Allgemein

Vorlagentyp **Sprechtheater**

### Titles

Originaltitel **Käpt'n Käpt'n!**

### Persons



Dataset on a work (scrolling down): <https://theadok.at/work/33378> (person is author of the work; see also the relation to a performance of the work that is registered in Theadok)

Persons

author [Radović, Dušan](#)

[Log in](#) to post comments

## Verzeichnete Inszenierungen

Die Inszenierungen sind absteigend sortiert nach dem jeweils ersten Aufführungsdatum. Wenn mehrere Aufführungen zu einer Inszenierung verzeichnet sind, so wird in dieser Übersicht nur die erste Aufführung angegeben. In der Detailansicht der Inszenierung sind alle verzeichneten Aufführungen einsehbar.

Displaying 1 - 1 of 1

Inszenierungstitel

1

[Käpt'n Käpt'n!](#)

Aufführung

[Neuinszenierung](#)

premiered

Genau am

Tue, 15.01.1991

90/91

[Wiener Interkult Theater](#)

Dataset on a performance related to the work: <https://theadok.at/performance/4722> (see the fields in the group "Relations")

# Käpt'n Käpt'n!

Identifizier: <https://theadok.at/performance/4722> (Last change: 29.12.2017 - 13:35)

## Inszenierung

### General

Zusatz zum Produktionstitel	Ein Piratenstück in zwei Teilen
Aufführungssprache	<a href="#">Deutsch</a>
Sparte	<a href="#">Sprechtheater</a>

### Relations

is realisation of	<a href="#">Käpt'n Käpt'n!</a>
Collections	<a href="#">Theadok Import</a>

Dataset on a performance (scrolling down): <https://theadok.at/performance/4722>

#### Context of production

produced by [Wiener Interkult Theater](#)

#### Context of performance

Aufführung [Neuinszenierung](#)

premiered Genau am  
Tue, 15.01.1991  
90/91

[Wiener Interkult Theater](#)

#### Staff

was directed by [Tot, Dunja](#)

Ausstattung [Radoicic, Vojo](#)

Choreographie [Albonese, Nino](#)

Dataset on a performance (scrolling down): <https://theadok.at/performance/4722>

Cast

Pudding Joe und Musiker [Nikolic, Blazo](#)

John Peoplefox [Hartmann, Hanns H.](#)

Bloody Mery, David und Grotte [Neiss, Nicole](#)

Wilhelmine Schnaps [Mayerhofer, Gabrielle](#)

Schnellsprechende Frauen [Senaratna, Riyasha](#)

Schildkröte [Kuzmany, Verena](#)

Oliver Timidi und Bordchronist [Nikkanen, Tatu](#)

Archibald [Hartmann, Katrin](#)

Archibald [Ratkovic, Vlasta](#)

Silence [Omran, Gharib](#)

Schnellsprechende Frauen [Senaratna, Shikara](#)

Dataset on a performance (scrolling down): <https://theadok.at/performance/4722>

Archibald	<a href="#">Hartmann, Katrin</a>
Archibald	<a href="#">Ratkovic, Vlasta</a>
Silence	<a href="#">Omran, Gharib</a>
Schnellsprechende Frauen	<a href="#">Senaratna, Shikara</a>

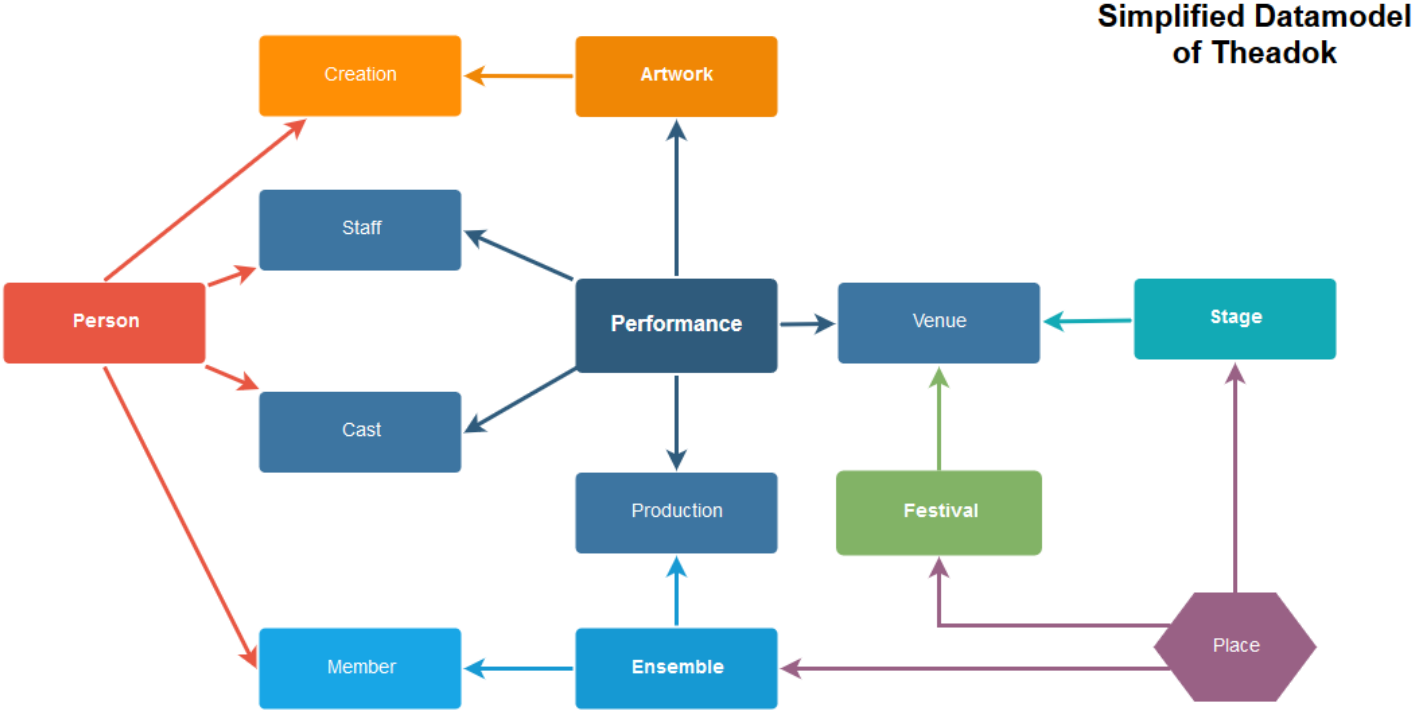
#### Materials

Quelle ist	<a href="#">Programmzettel</a>
INSZNR auf CD-ROM ist	1507197

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# Data model (simplified)



# Comparable projects

There are quite a few performance focused databases, here some lists:

- Nic Leonhardt:  
[Digital Humanities and the Performing Arts: Building Communities, Creating Knowledge](#)  
, 2014.
- Vincent Baptist: [Inventory of European Performing Arts Data Projects](#), 2017.
- Klaus Illmayer et al:  
[Zotero group “Digital Humanities in Theatre, Film, and Media Studies](#), 2016-ongoing.

Collections of performance metadata exist on paper already since a long time (fruitful next step: get them into databases).

# Why another performance database?

It is based on an older database

→ does imply a specific data model

Lack of tools/databases, that can be shared/used easily

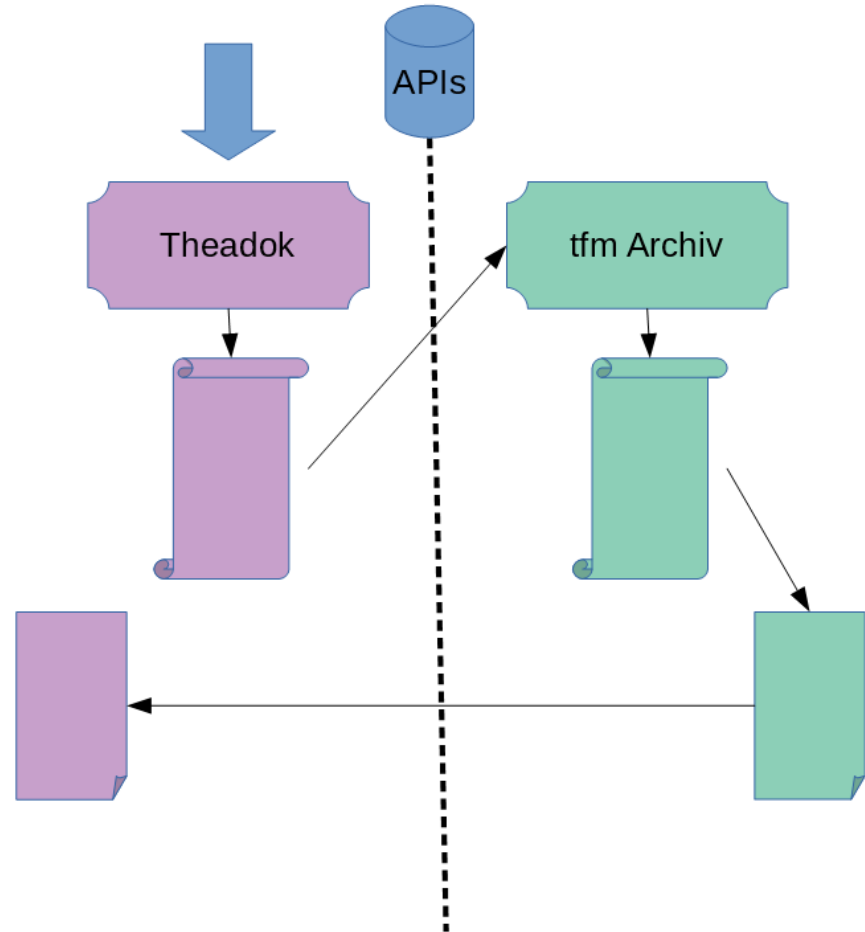
→ maybe better to have different instances and domains of databases

Paradigm change: Connecting between databases more important than using the same database



## Connecting data, e.g. between Theadok and the archive at the Departement of Theatre, Film, and Media Studies at Vienna University

- Different Domains
- Theadok: Performance oriented
- tfm Archiv: Material oriented
- Example of such a connection: [Anatol](#) ("has material in archive")



Example of a connection between databases: <https://theadok.at/performance/15893> (look at Materials, "has material in archive")

Akademietheater

#### Staff

was directed by [Lothar, Ernst](#)

scenography [Egg, Lois](#)

Costumes [Kniepert, Erni](#)

#### Materials

Quelle ist [Pressekritik](#)  
<http://localhost/40-570-595>

INSZNR auf CD-ROM ist 1518574

has material in archive [Archiv TFM](#)  
<https://archiv-tfm.univie.ac.at/recordset/680>

Connection between databases: related material to a performance in the tfm archive

<https://archiv-tfm.univie.ac.at/record-set/680>

# Anatol

---

Identifier: <https://archiv-tfm.univie.ac.at/record-set/680> (Last change: 11.07.2018 - 10:17)

## Record Set

---

### Shared Properties

**Local Identifier:** 414.A003

### Record Set Properties

**Type:** collection

**Classification:** Aufführungsdokumentation **Physical or Logical Extent**

1 textual record

9 graphic records

Connection between databases (scrolling down): <https://archiv-tfm.univie.ac.at/record-set/680> (see "is associated with" in the "Concept/Thing relations"-group)

[Schnitzler, Arthur](#)

#### Place relations

is associated with

[Wien \(Vienna\)](#)

#### Date relations

is associated with

Jahr

01.01.1960 - 31.12.1960

#### Concept/Thing relations

is associated with

<https://theadok.at/performance/15893>

# What to collect in a performance database?

Different possibilities: material to performances / metadata to performance / etc.

Theadok collects metadata because:

- it has done so before
- it focuses on structured data, connecting entities
- specialization on metadata, but referencing via links to other sources

Metadata on performances as research data

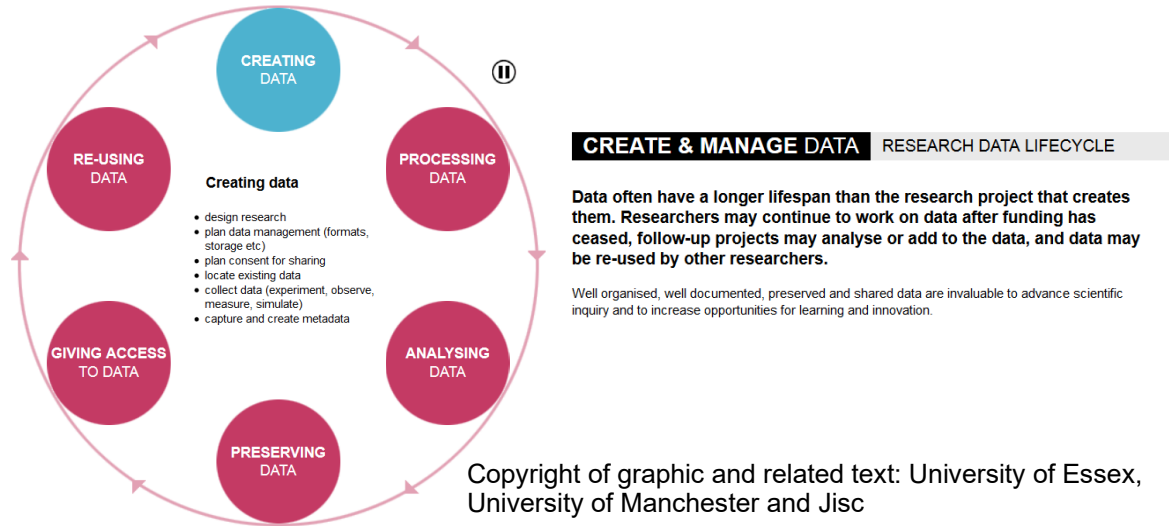
Difficulties: data quality, establish references, connect via identifiers, tools for (semi)automatically connection necessary on both sides

# Performance metadata as research data

- Theater researchers need to understand (meta)data on performance as research data
- Such data should be converted into digital structured data ...  
... and it should be shared with others
- Theadok as a platform that enables researchers to put their data into digital collections and (let) re-use it
- Enrich this data with additional information, research results, data from other sources
- Combine theater research methods with digital methods

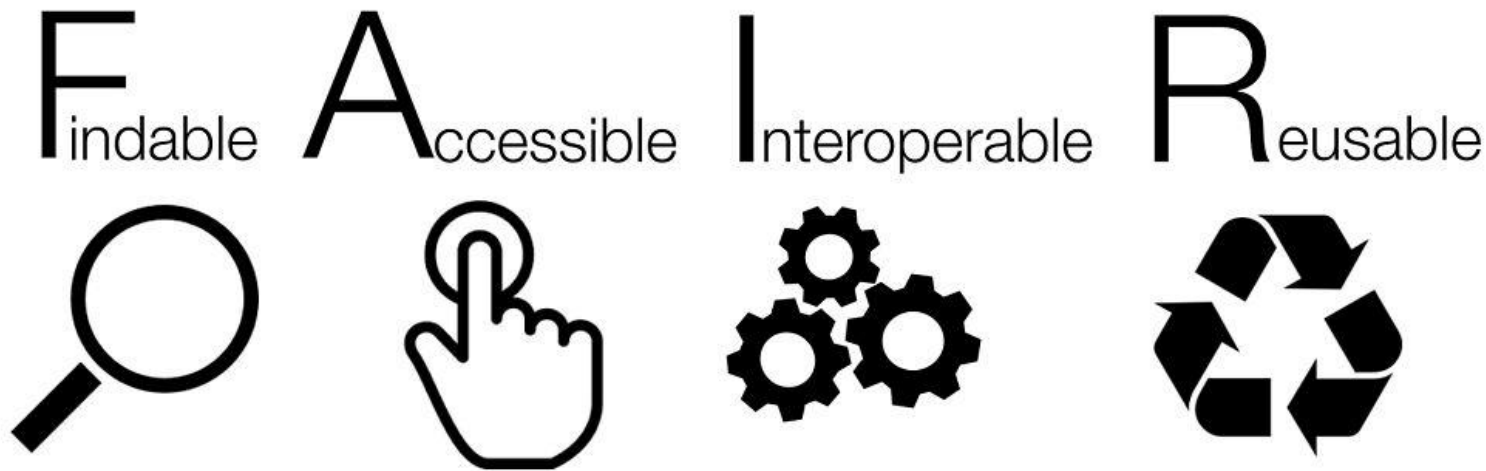
# Research data life cycle

- How to gather research data and how to further work on this data, e.g. collections in Theadok.
- Example of a research data life cycle: [UK Data Archive life cycle](#) model



# FAIR data principles

- Work-in-progress: Applying FAIR data principles on Theadok, <https://www.go-fair.org/fair-principles/>



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Wikimedia Commons: [https://commons.wikimedia.org/wiki/File%3AFAIR\\_data\\_principles.jpg](https://commons.wikimedia.org/wiki/File%3AFAIR_data_principles.jpg)



# Ongoing effort to enable interoperability, e.g. how to connect data of IbsenStage with Theadok?

## Example: Search for the Austrian "Burgtheater" in Ibsenstage

IbsenStage

Browse ▾

Search

Admin

Sort results by Name ▾

Restrict by year yyyy | yyyy-yyyy ✕

Search

[help](#)



Venues - Search hits (5 hits)

Name ▾	Address	EventDates	Events	Resources
Burgtheater	Austria, Vienna, Universitätsring 2	1919 - 1994	25	
Burgtheater	Germany, Soest	1980	1	
Burgtheater (Akademietheater)	Austria, Vienna, Lisztstraße 1	1925 - 2017	24	
K. K. Hof-Burgtheater	Austria, Vienna, Michaelerplatz	1876	1	
K. K. Hofburgtheater	Austria, Vienna, Universitätsring	1890 - 1918	61	

Enabling interoperability: Search for "Burgtheater" in Theadok  
Different informations, would be interesting to combine them

Bühne

- |    |   |
|----|---|
| 7  | Burgtheater, Foyer                                      |
| 8  | Burgtheater Gmünd                                       |
| 9  | Burgtheater, Lusterboden                                |
| 10 | Burgtheater (Ronacher)                                  |
| 11 | Burgtheater-Tournee<br>durch<br>Westdeutschland,Belgien |
| 12 | Burgtheater, Vestibül                                   |
| 13 | Burgtheater Wien  |

Ensemble

- |    |                               |
|----|-------------------------------|
| 14 | Bundestheater,<br>Burgtheater |
|----|-------------------------------|

# Enabling interoperability: Performances of works from Ibsen at Burgtheater (Ibsenstage):

<https://ibsenstage.hf.uio.no/pages/venue/14147>

IbsenStage

Browse ▾

Search

Admin

Events Organisations

Venue Identifier

[Ein Puppenheim \(Nora\)](#)

17th January 1936

[Peer Gynt](#)

22nd May 1952

[Peer Gynt](#)

21st June 1956

[John Gabriel Borkman](#)

20th November 1964

[Peer Gynt](#)

2nd December 1965

[Gespenster](#)

4th February 1970

[Peer Gynt](#)

17th June 1981

[John Gabriel Borkman](#)

13th November 1985

[Ein Volksfeind](#)

15th September 1990

[Peer Gynt](#)

26th February 1994

[Burgtheater](#)

Presenting Company

14147

Enabling interoperability: Performances of Gespenster by Ibsen at Burgtheater (Theadok):  
<https://theadok.at/stage/50296> (choosing Operator "Contains" and Title "Gespenster")

Themenzuordnung (Auszug von GND)	Theater, Tanz
Alternative Schreibweise	Burgtheater
Datenherkunft	biblio
Import score	9

## Verzeichnete Inszenierungen

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Displaying 1 - 1 of 1

Operator Contains

▼ Title Gespenster

APPLY

1	<a href="#">Gespenster</a>	Aufführung	<a href="#">Gastspiel</a>	premiered	Genau am Wed, 04.02.1970 69/70
			<a href="#">Burgtheater Wien</a>		

# Enabling interoperability: Details on a performance of Iben's Gjespen at Burgtheater (IbsenStage):

<https://ibsenstage.hf.uio.no/pages/event/88351>

IbsenStage

Browse ▾

Search

Admin



Event

Gjespen

Venue

Burgtheater, Universitätsring 2, Vienna, Austria

First Date

4th February 1970

Last Date

25th February 1970

Status

Unknown

Primary Genre

Theatre - Spoken Word

Secondary Genre

Drama

Contributors

Name	Function	Character	Notes
René Deltgen	Actor	Jacob Engstrand	
Marlies Engel	Actor	Regine Engstrand	
Hans Paetsch	Actor	Pastor Manders	
Ralf Schermuly	Actor	Oswald Alving	
Paula Wessely	Actor	Mrs. Helene Alving	
August Everding	Assistant Director		
Jörg Zimmermann	Costume Designer		
Jörg Zimmermann	Designer		
August Everding	Director		

Print

[Go to Admin](#)

Enabling interoperability: Details on a performance of Iben's Gespenster at Burgtheater (Theadok):  
<https://theadok.at/performance/11649> (see "same as" in group "Relations").

But there is also different data details on the performance. Linking datasets is a first step, next step would be to share data.

# Gespenster

Identifier: <https://theadok.at/performance/11649> (Last change: 13.07.2018 - 09:40)

## Inszenierung

### General

Sparte [Sprechtheater](#)

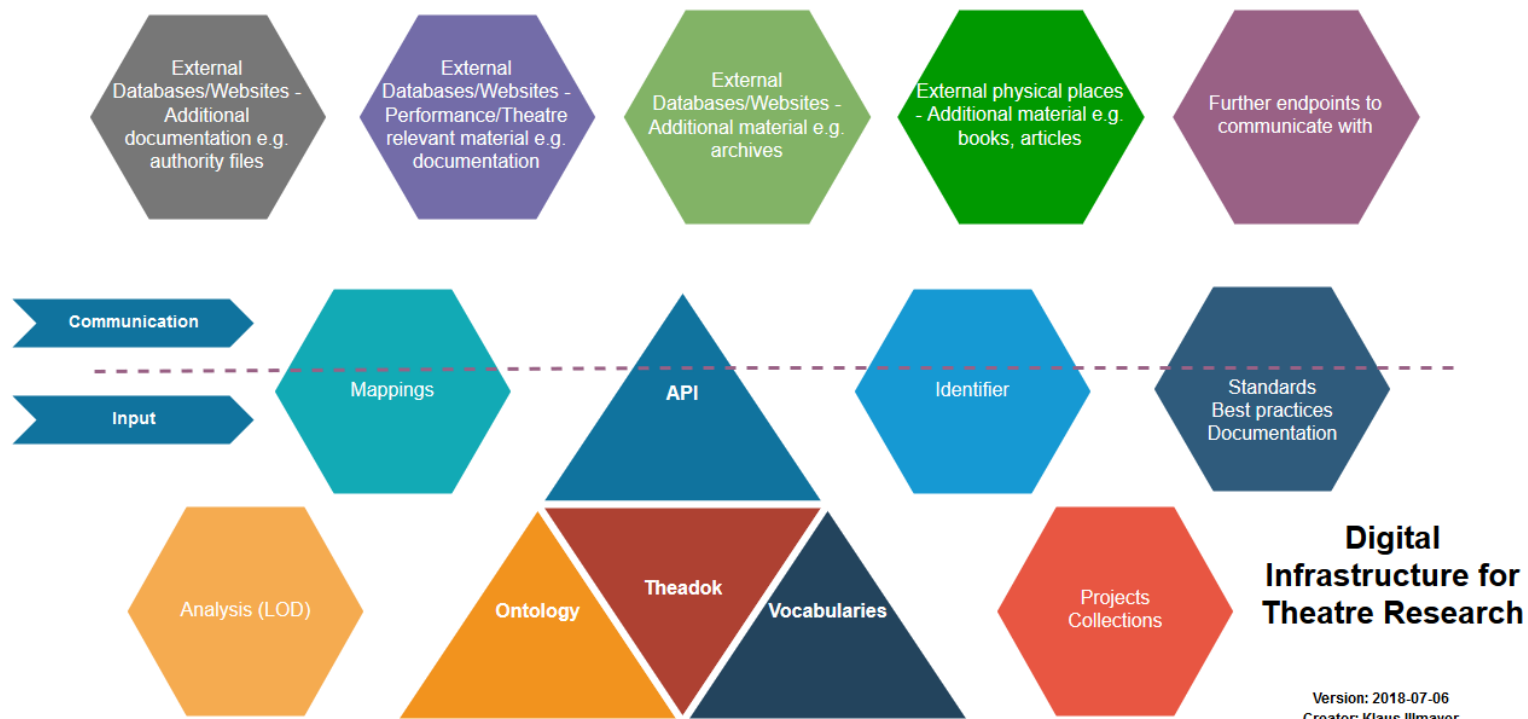
### Relations

is realisation of [Gespenster](#)

Collections [Theadok Import](#)

same as [IbsenStage](#)

# Theadok as part of a digital Infrastructure



# How to introduce such an infrastructure for theater research projects?

- We need to establish better communication between databases!
- Use of APIs (Application Programming Interfaces): for getting data in a structured, machine-readable format + for doing (semi)automatically analysis and data exchange
- Use of Vocabularies (see: <https://vocabs.acdh.oeaw.ac.at/en/>): agreements on the used terms, concepts, methods; they need not to be the same, but we need to formalize similarities (see also: Jonathan Bollen: Data Models for Theatre Research: People, Places, and Performance. In: Theatre Journal 68, 2016, 615-632, DOI: <https://doi.org/10.1353/tj.2016.0109> )
- We need identifier services for performance data (like DOI for documents), to find and connect similar data sets (see also: Miguel Escobar Varela and Nala H. Lee: Language documentation: a reference point for theatre and performance archives? In: International Journal of Performance Arts and Digital Media, 2018, DOI: <https://doi.org/10.1080/14794713.2018.145342> )
- Documentation and sharing of data model of databases is crucial. Helpful are abstractions of data models as ontologies > can help to map data between domains, e.g. [Swiss Performing Arts Data Model](#)



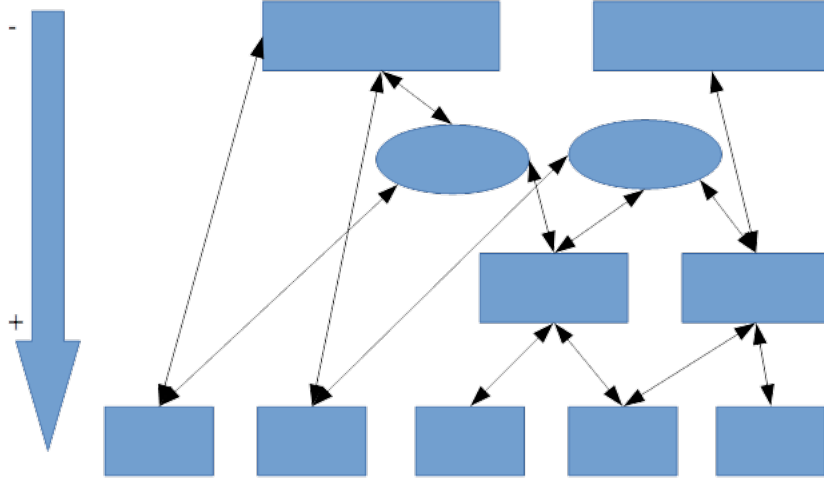
# Better communication via APIs, e.g. Theadok API with JSON-Output

The screenshot shows a web browser interface with a developer tool open. The developer tool has tabs for 'JSON', 'Raw Data', and 'Headers'. The 'JSON' tab is active, and the data is displayed in a tree view. The root of the JSON is an array with one element, which is an object. This object has several keys, each with a nested object containing a 'value' property. The values are color-coded: integers are green, strings are pink, and a float is blue.

```
{
  "nid": {
    "value": 11649
  },
  "uuid": {
    "value": "d4812b9c-8425-4b99-bea7-6a87642f8f30"
  },
  "vid": {
    "value": 167871
  },
  "langcode": {
    "value": "de"
  },
  "type": {
    "target_id": "performance",
    "target_type": "node_type",
    "target_uuid": "395eeba7-d4e3-4cfa-820c-0deda871aa61"
  },
  "revision_timestamp": {
    "value": "2018-07-11T09:27:02+00:00",
    "format": "Y-m-d\\TH:i:sP"
  },
  "revision_uid": {
    "target_id": 1,
    "target_type": "user",
    "target_uuid": "f89a9bf8-39d9-4ba5-94b3-87b0d55ee198"
  }
}
```

## Connect research data infrastructure on different levels

Data detailedness



Interdisciplinary digital infrastructures (e.g. CLARIN.eu, DARIAH.eu)

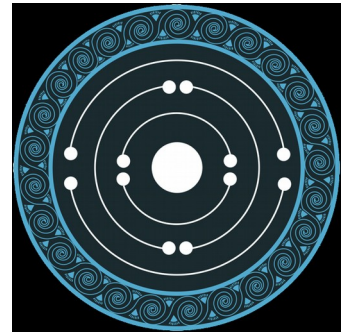
Technical infrastructure for merging, sharing, synchronizing data (identifiers, authority files, vocabularies,...

Disciplinary/research topic focused digital infrastructures (e.g. Theadok)

Research specific data Collections / locally (abandoned) databases / project results / scholarly works / non-digitized material ....

## Example of connecting research data infrastructures: PARTHENOS

See: <http://www.parthenos-project.eu/>



"PARTHENOS aims at strengthening the cohesion of research in the broad sector of Linguistic Studies, Humanities, Cultural Heritage, History, Archaeology and related fields through a thematic cluster of European Research Infrastructures, integrating initiatives, e-infrastructures and other world-class infrastructures, and building bridges between different, although tightly, interrelated fields.

PARTHENOS will achieve this objective through the definition and support of common standards, the coordination of joint activities, the harmonization of policy definition and implementation, and the development of pooled services and of shared solutions to the same problems."

Gives support for research communities but also needs sharing of data from research communities.

# What to do next?

- Infrastructure for an identifier service/authority file for entities that are specific to theater research
- Establish and discuss vocabularies
- Build up mappings to the databases, that allow such connections
- Recommendations for data models, technical solutions
- Best practices, especially methods and use cases that a database should be able to handle
- Support for connecting datasets between databases
- Linked open data endpoints for complex queries