



MAX-PLANCK-GESELLSCHAFT



Migration via Bib \TeX am Beispiel des MPI für Sonnensystemforschung

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MPI für Sonnensystemforschung
Katlenburg-Lindau

PubMan Days
Berlin, 7.–8. Sept. 2011

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Die Publikationsliste in Katlenburg-Lindau

“PubList”

- Seit 1998 verwalten wir die Liste der Veröffentlichungen unserer Mitarbeiter zentral über eine WEB-Seite.
- Zuerst wurde die Datenbank mit der Veröffentlichungen aus den Institutsjahren 1994–1997 (halb-automatisch) eingefügt, damit eine gewisse Masse gleich vorhanden war.
- Alle am Institut beschäftigten Kollegen, auch Gäste und Studenten, wurden aufgefordert, alle neue Publikationen in *PubList* einzutragen.
 - (Was nicht immer 100%-ig gelungen war!)
- Ab 2003 haben wir angefangen auch Vorträge zu erfassen.

Die Publikationsliste in Katlenburg-Lindau

Ursprünglicher Zweck

- **Unser Institut ist sehr projekt-orientiert.**
- Und die Projekte haben ihre eigenen WEB-Seiten.
- Mit *PubList* bekommen diese Seiten Links zu ständig aktualisierten Veröffentlichungslisten.
- **Dazu müssen die Einträge zu den Projekten zugeordnet werden.**

Weitere Nutzen


- Für das Institutsjahrbuch, ...
- für Fachberäte, ...
- für andere jährliche Berichte, ...
- und für das MPG-Jahrbuch (später über eDoc-Import).
- Auch Veröffentlichungslisten für persönliche Seiten.




MAX-PLANCK-GESellschaft

Max Planck Institute for
Solar System Research

MPS Publication Database
/ en / publikationen /



MPS Publication Database



See the latest entries as listed in the most recent II:

- ▶ Publications
- ▶ Talks

This is the start page for access to the Publication Database.

The MPS Publication Database is based on BibTeX and contains all publications from MPAE and MPS starting from 1994, and many from earlier years.

It is used as the basis for providing publication lists for the Institute's bi-annual Tätigkeitsbericht (Yearbook) as well as for several other annual reports that the Institute must provide. In particular, it is the input to the Yearbook of the Max-Planck-Gesellschaft.

Project WEB pages can link directly to the database to obtain the current publication list for that project. See ▶ below.

As of 2004, it also contains the presentations given at conferences and meeting (talks, etc).

- ▶ View list to see list of publications, either all or selected by year, project, authors.
- ▶ New publication to submit a new publication to the database.
- ▶ New talk to enter a new presentation (talk, Vortrag).


To modify or delete an entry, first make a listing containing it, then click on its identifying key.
Note: Entries can only be submitted or modified from the MPS internal net, not from outside!

Linking from WEB pages

To obtain a list of publications belonging to a particular project, say ULYSSES, set the link as

`/services/publist/cgi/viewform.cgi?project=ULYSSES`

Note that the actual stored project designation can be different from what one sees when entering the data. Check by going to the listing form, select the project, and look to see what the entries in the "Project" item are.


▲ Top
P. W. Daly, 25-11-2010
 Print-friendly Page

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Disclaimer

Publication Data Submission Form

To enter publication data to the master database

Use this form to enter the data on your publications into the Institute's BibTeX database. This database is used to make up the list of publications for various WEB pages, as well as for the

There is a manual provided with BibTeX to give details on how the databases are to be formatted . However, it would be better to read the short description provided here.


Read the [general instructions](#) if this is your first time. See also [LaTeX rules](#) for inputting special characters.

For additional help on any field entry, click its name.

Note: fields marked with  must have a value!

NO IN PRESS submissions please!

But for online papers waiting for paper publication, check the appropriate box below

 This entry submitted by: (Enter your name here, for the record)

 Project:


Select one or more projects according to the Department.

If no project applies, select 'general' in appropriate Department.


If no department applies, check the box 'No Project, No department' below.

Sun & Heliosphere	Planets & Comets	Seismology of Sun & Stars
<div style="border: 1px solid gray; padding: 5px;"> general BOLD Cosmic Vision Ground-based Solar Obs. HINODE KuaFu </div>	<div style="border: 1px solid gray; padding: 5px;"> general Sepi-Colombo Sepi-Colombo: BELA Sepi-Colombo: CAM Sepi-Colombo: MIXS Sepi-Colombo: MPPE </div>	<div style="border: 1px solid gray; padding: 5px;"> Current Projects general Plato SDO: German Data Center ===== ===== </div>
<div style="border: 1px solid gray; padding: 5px;"> Helios MICA PICO TXI </div>	<div style="border: 1px solid gray; padding: 5px;"> GIOTTO GIOTTO: EPONA GIOTTO: HMC Mars Express </div>	<div style="border: 1px solid gray; padding: 5px;"> Older Projects ===== ===== ===== </div>
<input type="checkbox"/> No project, no department		

Additional flags: Theory IMPRS For general public

 Type of publication Journal article

(Please enter SPIE proceedings as journal article.)

 Publication refereed? Yes No Don't know Not specified
(Must click one of Yes, No, or Don't Know)


Online only pending paper publication

An update will be required when the paper publication is ready!

Data Base: MPS affiliation

The following fields are only entered when they are meaningful, depending on the type publication.

 Author: Enter the name(s) in the serial format: `Fullname surname given (please press first)`

 Type of publication
 (Please enter SPIE proceedings as journal article.)

 Publication refereed? Yes No Don't know Not specified
 (Must click one of Yes, No, or Don't Know)

Online only pending paper publication
An update will be required when the paper publication is ready!

Data Base:

The following fields are only entered when they are meaningful, depending on the type publication.

 Authors: Enter the name(s) in the special format, following sample given (please erase first!).
Important: the word and must come between each pair of authors!
 (For a whole book with editors, enter editors in editor field.)

Max Planck and Einstein, Albert and von Neumann, Karl

 Title: (of article or whole book)

Sample title for an article

 Year:

If the journal is not in the list below, select "other" and type its name in the "other journal" box.

Journal: Other journal:

For articles, please give DOI number, or specify "none"

Volume: DOI:

Enter either Pages (e.g. 123-143) or Seq. Nr. (e.g. L12345) also called Article or Citation Number

Pages: Seq-Nr.:

(For a book, Pages is the total number, not a range)

Number: Chapter:

"Number" is issue number, or a document code like ESA SP-123

Title of books containing the work; may be conference proceedings

Editor: Enter the name(s) in the special format as for authors.

Series:

ISBN:

Bemerkungen:

- Jeder im Institut kann einen Eintrag einreichen (nur über Intranet)
- Der Manager bekommt ein Email; er entscheidet, ob der Eintrag in Ordnung ist oder ob er ergänzt, korrigiert werden muss.
- Wenn er zufrieden ist, wird der neue Eintrag freigeschaltet.
- Jeder kann auch einen Antrag auf Änderung oder Löschen einreichen.

Grundsätzlich wird nichts in der Datenbank geändert ohne Einwirkung des PubList-Managers.

Demo: Auswahl und Auflisten

Selecting publication entries to view

Set the filters for the list:

Select a project, a department, a flag, or group

The empty entry means no test is done, ie all entries accepted.

Project "none" selects all those without a project assignment.

Projects	Departments	Flags
<input type="text"/>	<input type="text"/>	<input type="text"/>

Select author(s) (Enter with **and** or **or** between names, eg **Smith and Meier**

Leave off accents: **Gauß** or **Schröder** as **Gauss** or **Schroder** .)

For double surnames, put blank or hyphen between: **San Sebastian**

Initials may also be given: e.g. **F. Jones**

also with alternate versions, like **F. Jones** or **F. G. Jones**

or even **M. Franz** or **M. Fraenz** (the blanks after the dots are optional)

You may type in range of years as well as single year.

Select year: all Or range of years: from to

Data Base: Publications (Select *Presentations* for Talks, Vorträge)

- List to include the identifying keys for each publication
- List without identifying keys
- List without identifying keys and without URL links
- List sorted by date, then authors

- Output as HTML
- Output as BibTeX database
- Output as list of keys in TeX file

Demo: Auswahl und Auflisten

Selecting publication entries to view

Set the filters for the list:

Select a project, a department, a flag, or group

The empty entry means no test is done, ie all entries accepted.

Project "none" selects all those without a project assignment.

Projects	Departments	Flags
<input type="checkbox"/> none <input type="checkbox"/> AMPTE <input type="checkbox"/> BOLD <input type="checkbox"/> Bepi-Colombo <input type="checkbox"/> Bepi-Colombo: BELA <input type="checkbox"/> Bepi-Colombo: CAM <input type="checkbox"/> Bepi-Colombo: MIXS <input type="checkbox"/> Bepi-Colombo: MPPE <input type="checkbox"/> Bepi-Colombo: SERENA <input type="checkbox"/> Bepi-Colombo: SIR <input type="checkbox"/> CASSINI <input type="checkbox"/> CASSINI: DISR <input type="checkbox"/> CASSINI: LEMMS <input type="checkbox"/> CASSINI: MIMI <input type="checkbox"/> CASSINI: UVIS <input type="checkbox"/> CRRES <input type="checkbox"/> Cluster <input checked="" type="radio"/> Cluster: CIS <input checked="" type="radio"/> Cluster: RAPID <input type="radio"/> Comet Obs.	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Select entries between names, eg Smith and Meier		
<input type="checkbox"/> Leave entries as Gauss or Schroder .)		
<input type="checkbox"/> For hyphen between: San Sebastian		
<input type="checkbox"/> Initial letters		
<input type="checkbox"/> Initial letters of Jones or F. G. Jones		
<input type="checkbox"/> Initial letters of planks after the dots are optional)		
<input type="checkbox"/> Year		
<input type="checkbox"/> Year as single year.		
<input type="checkbox"/> Select years: from <input type="text"/> to <input type="text"/>		
<input type="checkbox"/> Date (Select <i>Presentations</i> for Talks, Vorträge)		
<input type="checkbox"/> Cluster as for each publication		
<input type="checkbox"/> List without identifying keys and without URL links		
<input type="checkbox"/> List sorted by date, then authors		
<input checked="" type="radio"/> Output as HTML		
<input type="radio"/> Output as BibTeX database		
<input type="radio"/> Output as list of keys in TeX file		
<input type="button" value="GET LIST"/>	<input type="button" value="CLEAR FORM"/>	

Demo: Auswahl und Auflisten

Selecting publication entries to view

Set the filters for the list:

Select a project, a department, a flag, or group

The empty entry means no test is done, ie all entries accepted.

Project "none" selects all those without a project assignment.

Projects	Departments	Flags
Cluster: RAPID		

Select author(s) (Enter with **and** or **or** between

Leave off accents: Gauß or Schröder as Gauss

For double surnames, put blank or hyphen

Initials may also be given: e.g. F. Jones

also with alternate versions, like F. Jones or F. G. Jones

or even M. Franz or M. Fraenz (the blanks after the dots are optional)

You may type in range of years as well as single year.

Select year: all Or range of years: from to

Data Base: Publications (Select *Presentations* for Talks, Vorträge)

- List to include the identifying keys for each publication
- List without identifying keys
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- List sorted by date, then authors

- Output as HTML
- Output as BibTeX database
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Demo: Auswahl und Auflisten

Selecting publication entries to view

Set the filters for the list:

Select a project, a department, a flag, or group

The empty entry means no test is done, ie all entries accepted.

Project "none" selects all those without a project assignment.

Projects	Departments	Flags
Cluster: RAPID		

Select author(s) (Enter with **and** or **or** between names, eg **Smith and Meier**

Leave off accents: **Gauß** or **Schröder** as **Gauss** or **Schroder** .)

For double surnames, put blank or hyphen between: **San Sebastian**

Initials may also be given: e.g. **F. Jones**

also with alternate versions, like **F. Jones** or **F. G. Jones**

or even **M. Franz** or **M. Fraenz** (the blanks after the dots are optional)

You may type in range of years as well as single year.

Select year: all Or range of years: from to

Data Base: Publications (Select *Presentations* for Talks, Vorträge)

- IMPRS
- Reports
- For general public
- Theory
- Theses
- Pending
- Refereed
- To be reviewed

- List to include the identifying keys for each publication
- List without identifying keys
- List without identifying keys and without URL links
- List sorted by date, then authors

- Output as HTML
- Output as BibTeX database
- Output as list of keys in TeX file

Demo: Auswahl und Auflisten

Selecting publication entries to view

Set the filters for the list:

Select a project, a department, a flag, or group

The empty entry means no test is done, ie all entries accepted.

Project "none" selects all those without a project assignment.

Projects	Departments	Flags
Cluster: RAPID		

Select author(s) (Enter with **and** or **or** between names, eg **Smith and Meier**

Leave off accents: **Gauß** or **Schröder** as **Gauss** or **Schroder** .)

For double surnames, put blank or hyphen between: **San Sebastian**

Initials may also be given: e.g. **F. Jones**

also with alternate versions, like **F. Jones** or **F. G. Jones**

or even **M. Franz** or **M. Fraenz** (the blanks after the dots are optional)

You may type in range of years as well as single year.

Select year: Or range of years: from to

Data Base: (Select *Presentations* for Talks, Vorträge)

- List to include the identifying keys for each publication
- List without identifying keys
- List without identifying keys and without URL links
- List sorted by date, then authors

- Output as HTML
- Output as BibTeX database
- Output as list of keys in TeX file

Bibliography Listing

Project: Cluster: RAPID

Years: 2008 to 2010

Entries in the MPS database

Processing

(Click identifying key to modify the entry)

- Apatenkov:2008-102 (Project=RAPID, CLUSTER, ref, Magsphr)
 S. V. Apatenkov, V. A. Sergeev, O. Amm, W. Baumjohann, R. Nakamura, A. Runov, F. Rich, P. Daly, A. Fazakerley, I. Alexeev, J. A. Sauvaud, and Yu. Chotyaintsev, Conjugate observation of sharp dynamics ground network, *Ann. Geophys.*, **26**, 2771-2780, doi:10.5194/angeo-26-2771-2008, 2008.
- Apatenkov:2009-171 (Project=RAPID, CLUSTER, ref, Magsphr)
 S. V. Apatenkov, T. M. Sugak, V. A. Sergeev, M. A. Shukhtina, R. Nakamura, W. Baumjohann, and P. Daly, Radial propagation velocity of energetic particle injections according to measurements onboard the doi:10.1134/S0010952509010031, 2009, translated from Russian.
- Asano:2010-009 (Project=RAPID, CLUSTER, ref, Magsphr)
 Y. Asano, I. Shinohara, A. Rebnó, P. W. Daly, E. A. Kronberg, T. Takada, R. Nakamura, Yu. V. Khotyaintsev, A. Vaivads, T. Nagai, W. Baumjohann, A. N. Fazakerley, C. J. Owen, Y. Miyashita, E. A. Lucek, and substorms, *J. Geophys. Res.*, **115**, A05215, doi:10.1029/2009JA014567, 2010.
- Åsnes:2008-031 (Project=RAPID, CLUSTER, ref, Magsphr)
 A. Åsnes, R. W. H. Friedel, B. Lavraud, G. D. Reeves, M. G. G. T. Taylor, and P. Daly, Statistical properties of tail plasma sheet electrons above 40 keV, *J. Geophys. Res.*, **113**, A03202, doi:10.1029/2007JA011
- Åsnes:2008-076 (Project=RAPID, CLUSTER, ref, Magsphr)
 A. Åsnes, M. G. G. T. Taylor, A. L. Borg, B. Lavraud, R. W. H. Friedel, C. P. Escoubet, B. Laakso, P. Daly, and A. N. Fazakerley, Multispacecraft observation of electron beam in reconnection region, *J. Geophys.*
- Chen:2009-049 (Project=RAPID, CLUSTER, ref, Magsphr)
 L.-J. Chen, N. Bessho, B. Lefebvre, H. Vaith, A. Åsnes, O. Santolik, A. Fazakerley, P. Puhl-Quinn, A. Bhattacharjee, Y. Khotyaintsev, P. Daly, and R. Torbert, Multispacecraft observations of the electron current magnetotail reconnection, *Phys. Plasmas*, **16**, 056501, doi:10.1063/1.31112744, 2009.
- Chen:2008-001 (Project=RAPID, CLUSTER, ref, Magsphr)
 L.-J. Chen, A. Bhattacharjee, P. A. Puhl-Quinn, H. Yang, N. Bessho, S. Imada, S. Mühlbacher, P. W. Daly, B. Lefebvre, Y. Khotyaintsev, A. Vaivads, A. Fazakerley, and E. Georgescu, Observation of energetic doi:10.1038/nphs777, 2008.
- Daly:2010-019 (Project=RAPID, CLUSTER, ref, Magsphr)
 P. W. Daly and E. A. Kronberg, RAPID Products at the Cluster Active Archive, in: *The Cluster Active Archive. Studying the Earth's Space Plasma Environment* (edited by H. Laakso, M. G. G. T. Taylor, and C. P. Escou
- Daly:2008-050 (Project=RAPID, CLUSTER, ref, Magsphr)
 P. W. Daly, S. J. Schwartz, and B. Lefebvre, Plasma kinetics, in: *Multi-Spacecraft Analysis Methods Revisited* (edited by G. Paschmann and P. W. Daly), pp. 75-80, no. SR-008 in ISSI Scientific Report, Internati
- Daum:2008-071 (Project=CIS, RAPID, CLUSTER, ref, Magsphr)
 P. Daum, J. A. Wild, T. Panz, E. E. Woodfield, H. Rème, A. N. Fazakerley, P. W. Daly, and M. Lester, Global MHD simulation of flux transfer events at the high-latitude magnetopause observed by the Cluster doi:10.1029/2007JA012749, 2008.
- Deng:2009-183 (Project=TSPP, THEORY, CLUSTER, CIS, RAPID, ref, Magsphr)
 X. H. Deng, M. Zhou, S. Y. Li, W. Baumjohann, M. Åsnes, N. Cornilleau, O. Santolik, D. I. Pontin, H. Rème, E. Lucek, A. N. Fazakerley, P. Décréau, P. Daly, R. Nakamura, R. X. Tang, Y. H. Hu, Y. Pang, J. Búd Su, and J. F. Wang, Dynamics and waves near multiple magnetic null points in reconnection diffusion region, *J. Geophys. Res.*, **114**, A07216, doi:10.1029/2008JA013197, 2009.
- Escoubet:2008-079 (Project=CIS, RAPID, CLUSTER, ref, Magsphr)
 C. P. Escoubet, J. Berchem, J. M. Bosqued, K. J. Trattner, M. G. G. T. Taylor, F. Pitout, H. Laakso, A. Masson, M. Dunlop, I. Dandouras, H. Rème, A. N. Fazakerley, and P. Daly, Effect of a northward turning of *J. Geophys. Res.*, **113**, A07S15, doi:10.1029/2007JA012771, 2008.
- Facko:2008-212 (Project=CIS, RAPID, CLUSTER, ref, Magsphr)
 G. Fackó, K. Kecskeméty, G. Erdős, M. Tótrallyay, P. W. Daly, and I. Dandouras, A statistical study of hot flow anomalies using Cluster data, *Adv. Space Res.*, **41**(8), 1286-1291, doi:10.1016/j.asr.2008.02.0
- Facko:2010-016 (Project=CIS, RAPID, CLUSTER, ref, Magsphr)
 G. Fackó, J. G. Trotignon, I. Dandouras, E. A. Lucek, and P. W. Daly, Study of hot flow anomalies using Cluster multi-spacecraft measurements, *Adv. Space Res.*, **45**, 541-552, doi:10.1016/j.asr.2009.08.011
- Haaland:2008-124 (Project=CIS, RAPID, CLUSTER, ref, Magsphr)
 S. Haaland, E. A. Kronberg, P. W. Daly, M. Franz, L. Degener, E. Georgescu, and I. Dandouras, Spectral characteristics of protons in the Earth's plasmasheet: statistical results from Cluster RAPID and CIS, An

Demo: Auswahl und Auflisten

For modifications, make your changes (current values are displayed) and then press and then .

If this is a deletion, check that this is really the entry to be removed and then press .

Note: in both cases, it is only a request for modification or deletion that is submitted.

Undo your modifications with .



Project:

Select one or more projects according to the Department.

If no project applies, select 'general' in appropriate Department.

If no department applies, check the box 'No Project, No department' below.

Current project/flag list: RAPID, CLUSTER, ref, Magpphr

Sun & Heliosphere	Planets & Comets	Seismology of Sun & Stars
<input type="text" value="general"/> <input type="text" value="BOLD"/> <input type="text" value="Cosmic Vision"/> <input type="text" value="Ground-based Solar Obs."/> <input type="text" value="Hinode"/> <input type="text" value="KuaFu"/>	<input type="text" value="CASSINI: UVIS"/> <input type="text" value="Cluster"/> <input type="text" value="Cluster: CIS"/> <input type="text" value="Cluster: STARD"/> <input type="text" value="Comet Obs."/> <input type="text" value="Cosmic Vision"/>	<input type="text" value="general"/> <input type="text" value="Plato"/> <input type="text" value="SDO: German Data Center"/> =====
<input type="text" value="Helios"/> <input type="text" value="MICA"/> <input type="text" value="PICO"/> <input type="text" value="TXI"/>	<input type="text" value="GIOTTO"/> <input type="text" value="GIOTTO: EPONA"/> <input type="text" value="GIOTTO: HMC"/> <input type="text" value="Mars Express"/>	<input type="text" value="Older Projects"/> =====
<input type="checkbox"/> No project, no department		

Additional flags: Theory IMPRS For general public



Type of publication

(Please enter SPIE proceedings as journal article.)



Publication refereed? Yes No Don't know Not specified

(Must click one of Yes, No, or Don't Know)

Online only pending paper publication

An update will be required when the paper publication is ready!

The following fields are only entered when they are meaningful, depending on the type publication.



Author: Names are in a special format.

Remember to insert the word **and** between each author

Patrick W. and , Elena A.



Title: (of article or whole book)

Das BibT_EX Programm

Als Datenbanksystem benutzt *PubList*:

BibT_EX

- Dies ist ein Zusatzprogramm zu L^AT_EX, ein Textbearbeitungsprogramm aus den 80-igern Jahren, das immer noch sehr häufig verwendet wird.
- Die Angaben zu beliebigen Veröffentlichungen werden als ASCII-Text in einer großen Datei abgelegt.

Als Datenbanksystem benutzt *PubList*:

PubList am MPS

Der Anfang
Beispiel

BibT_EX

BibT_EX

Imports

- Dies ist ein Zusatzprogramm zu L^AT_EX, ein

```
@article{jones:2003,  
  author = {Harry Jones and Fred Adams Smith and Bailey, Dave},  
  journal = "J. Unknown Events",  
  title = "First Results from the {High Tech Mission}: The Way to  
    More Knowledge",  
  volume = 54,  
  year = 2003,  
  pages = {123-130}  
}
```

Als Datenbanksystem benutzt *PubList*:

BibT_EX

- Dies ist ein Zusatzprogramm zu L^AT_EX, ein Textbearbeitungsprogramm aus den 80-igern Jahren, das immer noch sehr häufig verwendet wird.
- Die Angaben zu beliebigen Veröffentlichungen werden als ASCII-Text in einer großen Datei abgelegt.
- In der L^AT_EX-Arbeit werden einige Veröffentlichungen zitiert.
- BibT_EX sammelte nur die zitierten und erstellt eine Bibliographie.
- Mit der Auswahl einer anderen Stil, wird die Bibliographie anders formatiert.

[PubList am MPS](#)

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[BibT_EX](#)

[Imports](#)

[eDoc](#)

[PubMan](#)

[Status](#)

Als Datenbanksystem benutzt *PubList*:

BibT_EX

- Dies ist ein Zusatzprogramm zu L^AT_EX, ein

... It can be shown [1] that it is possible to ...

References

- [1] Harry Jones, Fred Adams Smith, and Dave Bailey. First results from the High Tech Mission: The way to more knowledge. *J. Unknown Events*, 54:123–130, 2003.

... It can be shown (Jones et al., 2003) that it is possible to ...

References

- Jones, H., Smith, F. A., and Bailey, D.: First Results from the High Tech Mission: The Way to More Knowledge, *J. Unknown Events*, 54, 123–130, 2003.

PubList am MPS

Der Anfang

Beispiel

BibT_EX

Imports

eDoc

PubMan

Status

BibT_EX als Datenbank

Das BibT_EX-Programm selber brauchen wir nicht unbedingt.
Wir brauchen nur den BibT_EX-Standard für die Datenbank.

Vorteile

- Er ist weit verbreitet,
- er wird von vielen Veröffentlichungsdienste angeboten,
- als ASCII-Datei, ist er ist *human readable*, kann mit einem Text-Editor schnell bearbeitet werden.
- Ist flexibel, neue Felder können erfunden werden, ohne bestehende Anwendungen zu stürzen.

Nachteile

- Das Format hat einige Besonderheiten, die oft missverstanden werden.
- Eine Suche kann etwas lange dauern.

```
@article{Inhester:2007-295,  
  author = {B. Inhester{} and L. Feng{} and T. Wiegelmann{}},  
  title  = {{Segmentation of Loops from Coronal EUV Images}},  
  journal = sp,  
  volume = {248},  
  pages  = {379-393},  
  doi    = {10.1007/s11207-007-9027-1},  
  year   = {2007},  
  history = {Submitted by Steinmetz on 2008-Apr-08 11:02:10;  
            modified by Daly on 2008-Jul-03 09:21:10},  
  project = {STEREO, THEORY, ref, Solar}  
}
```

- Titeln von Artikeln in zusätzlichen { . . }, so Groß-Klein bleibt erhalten.
- Autoren von MPS werden mit angehängten {} gekennzeichnet.
- Namen von vielen Zeitschriften werden abgekürzt.
- Das Feld **history** protokolliert Änderungen.
- Das Feld **project** zeigt die Projekte und Abteilungen, sowohl andere Indikatoren (wie `ref` für "refereed").

```
@article{Curdt:2008-136,  
  author = {Curdt{}, W. and Tian{}, H. and Teriaca{}, L. and  
    Sch{"u"}hle{}, U. and Lemaire, P.},  
  title = {{The Ly- $\alpha$  profile and center-to-limb variation  
    of the quiet Sun}},  
  journal = aa,  
  volume = {492},  
  eid    = {L9},  
  doi    = {10.1051/0004-6361:200810868},  
  year   = {2008},  
  history = {Submitted by curdt on 2008-Nov-28 09:59:46},  
  project = {SUMER, SOHO, ref, Solar}  
}
```

- EID = *electronic ID*, die Sequenznummer in E-Zeitschriften.
- DOI = *Digital Object Identifier*, die DOI-Nummer.
- Sonderzeichen und Akzente werden in L^AT_EX Art geschrieben.

Seit 2002 werden die Einträge für ein Jahr in eDoc importiert, für das MPG-Jahrbuch.

Import über XML

- Der Import wird nicht direkt aus der BibT_EX-Datenbank gemacht, sondern über XML.
- Die ausgewählte Einträge werden mit dem BibT_EX-Programm und einem sehr besonderen Format-File prozessiert; die Ausgabe entspricht nicht L^AT_EX sondern dem Schema ZIM_Transfer.
- Ein perl-Skript läuft nochmal rüber um die Sonderzeichen in UTF8 zu konvertieren, und um restliche L^AT_EXerien zu entfernen.
- Das XML-File wird hochgeladen, validiert, und importiert.

Vergleich: Bib_TE_X and eDoc

Bib_TE_X

```
@incollection{Wicht:2010-179,  
  author = {J. Wicht{} and S. Stellmach  
    and H. Harder},  
  title = {{Numerical dynamo simulations:  
    From basic concepts to realistic  
    models}},  
  isbn = {978-3-642-01545-8},  
  pages = {459-502},  
  year = {2010},  
  booktitle = {Handbook of Geomathematics},  
  editor = {W. Freeden and M. Z. Nashed  
    and T. Sonar},  
  publisher = {Springer},  
  address = {Heidelberg},  
  history = {Submitted by Senger on  
    2010-Nov-01 08:46:48},  
  project = {PLANETARY_DYNAMICS, ref,  
    Planetary}  
}
```

eDoc

Numerical dynamo simulations: From basic concepts to realistic models

Authors:	Wicht, J.; Stellmach, S.; Harder, H.
Research Context:	Project(s) = PLANETARY_DYNAMICS, ref, Planetary
Place of Publication:	Heidelberg
Publisher:	Springer
Date of Publication (YYYY-MM-DD):	2010
Title of Book:	Handbook of Geomathematics
Start Page:	459
End Page:	502
Full Name of Book-Editor(s):	Freeden, W.; Nashed, M. Z.; Sonar, T.
Review Status:	Peer-review
Audience:	Experts Only
Intended Educational Use:	No
External Publication Status:	published
Document Type:	InBook
Accepted by:	daly (24.01.2011 12:48)
Authorized by:	daly (24.01.2011 12:48)
Affiliations:	MPI für Sonnensystemforschung/Planetary and Cometary Studies
Identifiers:	LOCALID:Wicht:2010-179 ISBN:978-3-642-01545-8

← Wenn pub_rel fehlt

Überlegungen über den Import ins PubMan:

- 1 Alles mit XML in eDoc schieben und eDoc → PubMan konvertieren?
- 2 Ein XML für PubMan Import entwickeln?
- 3 Direkt Bib_TE_X → PubMan?
- 4 Oder indirekt Bib_TE_X → ??? → PubMan?

Wir haben uns für #4 entschieden, wo ??? eine spezielle Import-Bib_TE_X ist.

PubMan erlaubt schon den Import über BibT_EX, so warum kann das nicht direkt benutzt werden?

- Der Import war bis jetzt nur provisorisch, wurde noch nicht richtig eingesetzt.
- Das BibT_EX-Format bei MPS hat zusätzliche Felder und andere Besonderheiten.

Die Lösung

- 1 Wir haben mit den PubMan-Leuten Gespräche geführt, um deren Import zu ergänzen, verbessern.
- 2 Und für den Import, konvertieren wir unsere Einträge in dieses Import-Format.

Dadurch braucht PubMan kein neues Import-System aufzubauen, wir behalten unser Format für unsere Nutzung, und haben Kontrolle über den Import.

Für das MPS werden 2 neue Attribute eingerichtet. Die müssen auch im Import berücksichtigt werden.

Project Hardware- und Instrument-betonte Aktivitäten, die auch wegen der Finanzierung aus Drittmitteln differenziert werden müssen.

Group Forschungsgruppen schließen bestimmte wissenschaftlichen Interessen ein, egal wie sie erforscht werden.

Die Zugehörigkeit der Mitarbeiter zu *Projekten* und *Forschungsgruppen* ist flüssig und flexibel. Deswegen können wir die nicht über die CoNe-Liste regulieren.

In Gegensatz, die zu den *Abteilungen* ist rigide, und wird doch über die CoNe-Liste bestimmt.

Beispiel

Input: ein Eintrag in MPS-BibTeX:

```
@article{Cernicharo:2010-112,  
  author = {J. Cernicharo and Goicoechea, J. R. and Daniel, F. and Ag{\u}ndez, M. ...  
  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
  journal = aa,  
  volume = {518},  
  eid = {L115},  
  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23},  
  project = {HIFI, HERSCHEL, ref, Planetary}  
}
```

[PubList am MPS](#)[Der Anfang](#)
[Beispiel](#)[BibTeX](#)[Imports](#)[eDoc](#)
[PubMan](#)[Status](#)

Output: Import BibTeX:

```
@article{Cernicharo:2010-112,  
  author = {J. Cernicharo and Goicoechea, J. R. and Daniel, F. and Ag{\u}ndez, M. ...  
  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
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  eid = {L115},  
  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23, converted by pubman-btx ..  
  rev = {Peer},  
  group = {Planets and Comets},  
  project = {HERSCHEL: HIFI}  
}
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Beispiel

Input: ein Eintrag in MPS-BibTeX:

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@article{Cernicharo:2010-112,  
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  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
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PubList am MPS

Der Anfang
Beispiel

BibTeX

Imports

eDoc
PubMan

Status

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  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23, converted by pubman-btx ..  
  rev = {Peer},  
  group = {Planets and Comets},  
  project = {HERSCHEL: HIFI}  
}
```

Abk\u00fcrzungen ausgeschrieben

Beispiel

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```
@article{Cernicharo:2010-112,  
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PubList am MPS

Der Anfang

Beispiel

BibTeX

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Output: Import BibTeX:

Ref Flag konvertiert

```
@article{Cernicharo:2010-112,  
  author = {J. Cernicharo and Goicoechea, J. R. and Daniel, F. and Ag{\u}n\u00e9z, M. ...  
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  eid = {L115},  
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  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23},  
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  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23, converted by pubman-btx ..  
  rev = {Peer},  
  group = {Planets and Comets},  
  project = {HERSCHEL: HIFI}  
}
```

Abteilung wird Obergruppe

PubList am MPS

Der Anfang
Beispiel

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Beispiel

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  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23},  
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PubList am MPS

Der Anfang

Beispiel

BibTeX

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```
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  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
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  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23, converted by pubman-btx ..  
  rev = {Peer},  
  group = {Planets and Comets},  
  project = {HERSCHEL: HIFI}  
}
```

Projekt und Mission werden kombiniert

Beispiel

Input: ein Eintrag in MPS-BibTeX:

```
@article{Cernicharo:2010-112,  
  author = {J. Cernicharo and Goicoechea, J. R. and Daniel, F. and Ag{\u}ndez, M. ...  
  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
  journal = aa,  
  volume = {518},  
  eid = {L115},  
  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23},  
  project = {HIFI, HERSCHEL, ref, Planetary}  
}
```

PubList am MPS

Der Anfang

Beispiel

BibTeX

Imports

eDoc

PubMan

Status

Output: Import BibTeX:

Sonderzeichen und Akzente nicht geändert
Das macht PubMan

```
@article{Cernicharo:2010-112,  
  author = {J. Cernicharo and Goicoechea, J. R. and Daniel, F. and Ag{\u}ndez, M. ...  
  title = {{The  $^{35}\text{S}/^{37}\text{S}$  isotopic ratio in dense molecular clouds: HIFI ...  
  journal = {Astronomy and Astrophysics},  
  volume = {518},  
  eid = {L115},  
  doi = {10.1051/0004-6361/201014638},  
  year = {2010},  
  history = {Submitted by Steinmetz on 2010-Aug-03 09:20:23, converted by pubman-btx ..  
  rev = {Peer},  
  group = {Planets and Comets},  
  project = {HERSCHEL: HIFI}  
}
```

- Die Struktur des Instituts, mit Abteilungen, Forschungsschule, vorheriger Name, wurde vorbereitet und abgeliefert.
- Die CoNe-Liste mit allen Mitarbeitern und Gästen seit 1994 (und manchmal früher) wurde auch geliefert.
- Um den Bib_TE_X-Import zu testen, wurden verschiedene Einträge hingeschickt.

Wenn wir die Ergebnisse dieses Tests bekommen haben, werden wir weitere Iterationen mit PubMan durchführen.

Und wenn der Import richtig funktioniert, wird PubMan für uns freigeschaltet und wir schieben die knapp 5000 Einträge darüber.

- PubMan wird dann die offizielle Datenbank sein.
- Für eine gewisse Zeit werden unsere Mitarbeiter neue Einträge wie immer eingereichen können; wir werden sie manuell mit dem BibTeX-Import importieren.
- Aber bald werden die Einträge direkt in PubMan eingegeben, aber **nur von einigen autorisierten Leuten**
- Aber dann brauchen wir ein neues Online-System, damit die Mitarbeiter ihre Angaben überreichen können.

Zum Schluss

Geht das von mir entwickelte Datenbank-System
in den Ruhestand!
(Und ich auch!!!)