

AFO 117 - Performance data

117.1 Introduction

This AFO gives you information about the performance of items and their related titles and authors. This gives you an insight in the “achievements” of these items: how often is a certain title, author or item lent, reserved, etc.

The overall goal is to help library staff with the selection process that leads to the actual ordering of records. In situations where files containing (new) bibliographic records that are available for selection are imported into the system, the selection process will go faster and smoother.

Please note

The parameters for this AFO are set in AFO 651 – Server Parameters – Performance data setup. See the Help for this AFO for more information.

The matching profiles that are used (as determined in AFO 651) are defined in AFO 114. See the Help for this AFO for more information.

It is possible to execute the performance search in another namespace – this is meant for libraries that have their potentials titles in another database than their production database. This is also defined in AFO 651.

117.1.1 Overall workflow

The order process, up to the point of the actual ordering of records, looks as follows:

- Import bibliographic records.
- The bibliographic records are imported.
- Selection, supporting *feature 1*: automatic record matching.
- The system applies automatic matching of bibliographic records. The idea behind this record matching is that the system will refer the user to similar records.
- Selection, supporting *feature 2*: provide "performance" data.

- The system provides statistical circulation data for
 - similar bibliographic records as retrieved with feature 1
 - all records related to the authorities that are present in the current bibliographic record (grouped per authority)
- giving insight into the "performance" of the title. The idea behind this feature is that the selector will have quick and easy access to circulation performance statistics. For each "related" (i.e. "matched") bibliographic record and for each authority, this information can be accessed.
- Also a numeric value will be attributed to every authority or bibliographic record as to reflect its "performance" – the higher the value, the higher its performance.
 - Actual ordering

117.2 Look at performance data

When you start this AFO, the standard search screen is offered. You must first perform a search in the normal way, and then retrieve the record that interests you.

For each database, 0-N databases can be defined that must be scanned for similar records. For every database to be scanned, 1-N matching profiles can be defined.

If a bibliographic record is retrieved in AFO 117 the system will match it according to certain parameters, and after matching has been applied the system will show an additional information group "performance data" on the record overview screen. This additional group contains the bibliographic records that were found with the matching as well as all authority records related to the current record (except the ones that were excluded).

Each record is preceded by a row number and can be selected (see below).

Note

The performance group can also be displayed in other AFO's at any time from the record overview screen through the option "**Performance data**".

V-smart [1.0.01] - Windows Internet Explorer

Session: 1.20224/9640 User: tineke Location: PNB/BD AFO: 117

V-smart [Settings](#) [Exit](#)

Memorized savelist : < none >

Record '2.1672' - full record

1 Description		5 Order(s)	
Title	Star child / James P Hogan	8 orders (Last item received on: October04 2004) ; 2 Potentials	
Author	Hogan, James P.	6 Subscription(s)	
Imprint	New York, 1998	< none >	
2 Relationship(s)		Technical information	
< none >		Record identification	
3 Previous version(s)		no. 1672 from database 'Vubis Smart database'	
4 copies of the record		Record status	
		-	
4 Shelfmark(s)		Record type	
BD 324	[1 copy]	monograph [type 1]	
BD 635.123	[1 copy]	Check status	
BD QA1234	[9 copies]	Incorrect record on June01 2005 (15:27)	
BD Unknown - c-fly	[1 copy]	Miscellaneous	
BD [DEBS] qa1234	[1 copy]	format of record 'Smart'; last used template 'SmartBooks'	
BD [JF1] QA234567	[2 copies]	Created on	
BD qa1234	[1 copy]	February14 2003 (20:06) by 'Super User' on location PNB/BD	
CEN [MAG] 321	[1 copy]	Last modified on	
SCH qa1234	[2 copies]	June01 2005 (15:27) by Filip Trensou on location PNB/BD	

Click on the icon for **Performance data**, the details will appear on screen:

V-smart [1.0.01] - Windows Internet Explorer

Session: 1.20224/9640 User: tineke Location: PNB/BD AFO: 117

V-smart Settings Exit

Memorized savelist: < none >

Record '2.1672' - full record

1 Description		Technical information	
Title	Star child / James P Hogan	Record identification	no. 1672 from database 'Vubis Smart database'
Author	Hogan, James P.	Record status	-
Imprint	New York, 1998	Record type	monograph [type 1]
2 Relationship(s)		Check status	Incorrect record on June01 2005 (15:27)
< none >		Miscellaneous	format of record 'Smart'; last used template 'SmartBooks'
3 Previous version(s)		Created on	February14 2003 (20:06) by 'Super User' on location PNB/BD
4 copies of the record		Last modified on	June01 2005 (15:27) by 'Filip Trension' on location PNB/BD
4 Shelfmark(s)		Performance data	
BD 324	[1 copy]	[15] 1672 / Vubis Smart database	Star child / James P Hogan
BD 635.123	[1 copy]	[0] 3041 / Vubis Smart database	Star child / James P Hogan
BD QA1234	[9 copies]	[0] 3040 / Vubis Smart database	Star child / James P Hogan
BD Unknown - c-fly	[1 copy]	[5] 2395 / Vubis Smart database	Reservation trapping 1 / James P Hogan
BD [DEBS] qa1234	[2 copies]	[0] 2097 / Vubis Smart database	Star child / James P Hogan
BD [JF1] QA234567	[2 copies]	[0] 1675 / Vubis Smart database	Star child / James P Hogan
BD qa1234	[1 copy]	[0] 1674 / Vubis Smart database	Star child two / James P Hogan
CEN [MAG] 321	[1 copy]	[15] 1672 / Vubis Smart database	Star child / James P Hogan
SCH qa1234	[2 copies]	[0] 1603 / Vubis Smart database	First field : 23
5 Order(s)		[0] 518 / Vubis Smart database	Star child / James P Hogan
8 orders (Last item received on: October04 2004) ; 2 Potentials		[12] 28 / Keyword 1	science fiction : verhalen
6 Subscription(s)		[12] 281 / Authors	Hogan James P.
< none >		[12] 282 / Authors	Mammon Morris

Information in group Performance data

- First column:
 - between square brackets the performance value
 - the record number
 - the name of the database
- Second column:
 - either title of the book or authority heading (for keywords and author names)
- The display order in the group is:
 - 1. Current record

- 2. Bibliographic records found through automatic matching
- 3. Authority records related to the current record

If an entry of the performance group is selected, the system displays an overview screen.

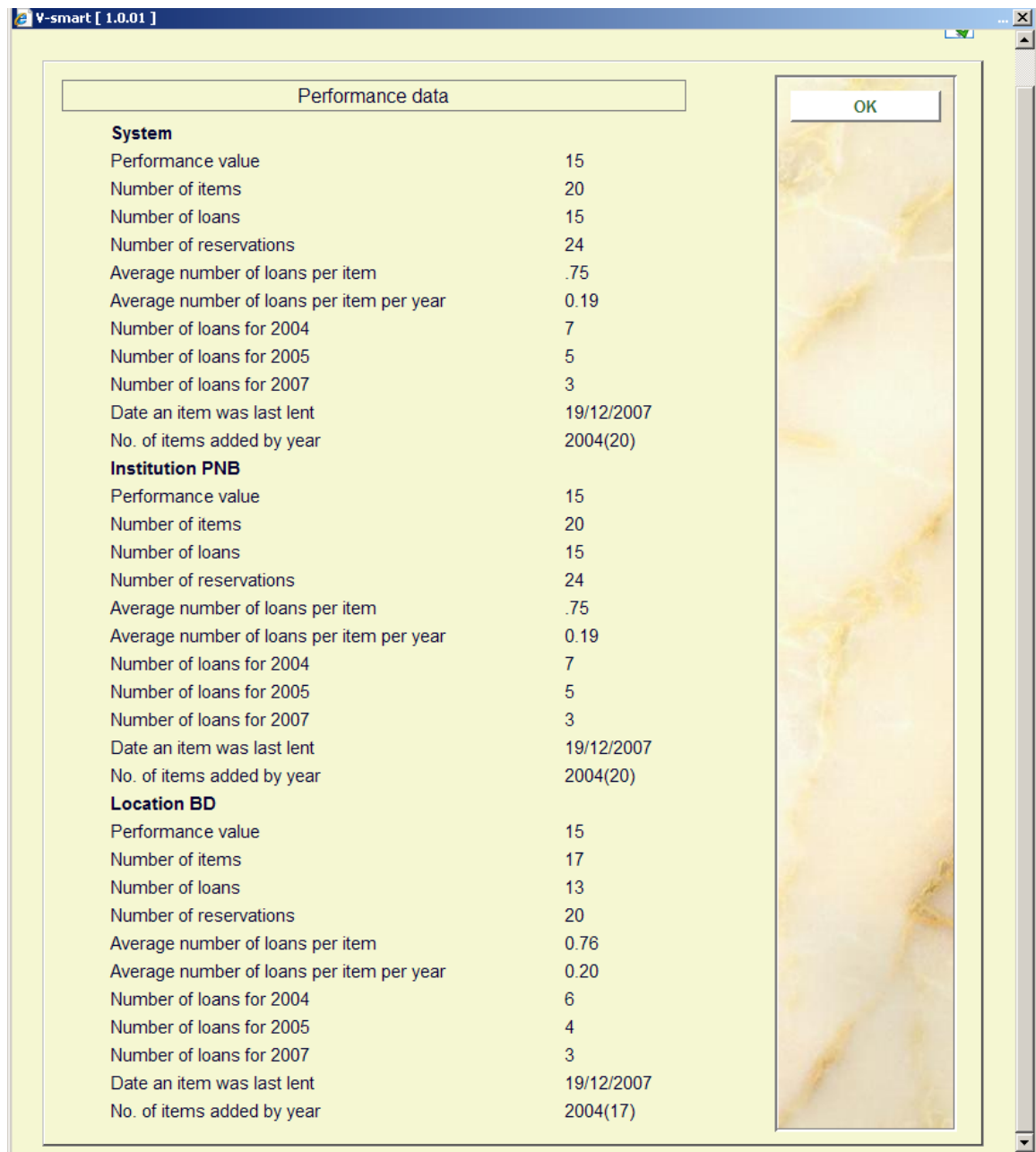
The following performance data will be shown:

- performance value
- number of items
- total number of loans
- total number of reservations
- average number of loans per item
- average number of loans per item per year
- number of loans for each individual year
- last loan of any item
- years of data entry of the items

The following groups can be displayed, in a user-defined order:

- all institutions / locations (system)
- current location
- other locations of current institution (per location)
- total of current institution

A screen example:



Performance data	
System	
Performance value	15
Number of items	20
Number of loans	15
Number of reservations	24
Average number of loans per item	.75
Average number of loans per item per year	0.19
Number of loans for 2004	7
Number of loans for 2005	5
Number of loans for 2007	3
Date an item was last lent	19/12/2007
No. of items added by year	2004(20)
Institution PNB	
Performance value	15
Number of items	20
Number of loans	15
Number of reservations	24
Average number of loans per item	.75
Average number of loans per item per year	0.19
Number of loans for 2004	7
Number of loans for 2005	5
Number of loans for 2007	3
Date an item was last lent	19/12/2007
No. of items added by year	2004(20)
Location BD	
Performance value	15
Number of items	17
Number of loans	13
Number of reservations	20
Average number of loans per item	0.76
Average number of loans per item per year	0.20
Number of loans for 2004	6
Number of loans for 2005	4
Number of loans for 2007	3
Date an item was last lent	19/12/2007
No. of items added by year	2004(17)

117.3 Performance value calculation

Every group of the performance data display and every entry in the list on the record overview screen has a "performance value". This value is a number that is calculated as follows:

- (Average number of loans per year) * 10
- +

- $(\text{Average number of reservations per item}) * 10$
- +
- $\text{Loans current year} + (12 - \text{current month number}) / 12 * \text{loans last year}$

Note

This value has no meaning as such - for instance a value of 132 can have a very different meaning depending on the system: in one system it may be a high value, in another a medium value; the meaning must be derived from the comparison with other performance values within the same system.

- **Document control - Change History**

Version	Date	Change description	Author
1.0	April 2008	creation	
2.0	April 2009	added reference to matching profiles in AFO 114 part of 2.0 updates	
3.0	March 2010	new option for data from another namespace part of 2.0.06 updates	