



MONET2

Project Full Title: Network of Excellence on Model-based Systems and Qualitative Reasoning.

Contract: Concerted Action / Thematic Network

Contract No: IST-33540

Deliverable MIR1 (Version Two):

MONET Information Resource

Date: 19th January 2005

Version: 2.2

Status: Release

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1 Introduction

1.1 Purpose of this Document

This document is a follow up to the MIR Action Plan [1] (July 2002) and will track the progress of MIR through out the lifetime of the project. Our Project Officer, José Fernandez-Villacanas, has requested that this document is updated and presented to himself and the Reviewers before each subsequent Project Review.

1.2 Scope

This document is a non-technical publication and will list the number of different references on the MIR database and the rate at which the database is being used by the members.

1.3 Introduction to Version Two

The second phase of the MONET Project will be finishing at the end of March 2005. Throughout this phase we have worked to ensure that the MIR Database is as complete as possible, it would therefore be wholly unacceptable for that resource simply to be lost once the project finishes.

However the database was built to be administered manually and it is therefore not in an ideal condition to simply be left. Admittedly MONET will continue to have the resource of the Project Administrator on a part-time basis for some eighteen to twenty-four months after the close of the Project but it was felt by the Co-ordinating Node that the MIR resource needed to be stand alone from the users perspective. It will of course be continually added to by Janet throughout her remaining time on the Project.

To this end this version of the MIR1 Document will describe in detail exactly what is required to convert the database to an independent resource and how this is to be achieved.

2 MIR Statistics

The MONET Information Resource is a continually expanding database of references, lecture notes and applications. Below are the latest statistics on the development of MIR.

2.1 Content Statistics

Table One: Number of Entries in MIR Database

Date	Authors	References	pdfs	Lecture notes	pdfs	Applications
13 th May 2003	1034	1287	2	4	0	4
23 rd May 2003	1098	1308	36	24	22	4
13 th June 2003	1208	1410	78	25	23	4
24 th September 2003	1327	1532	110	38	37	4
3 rd October 2003	1360	1593	130	39	38	5
7 th November 2003	1649	1911	212	54	53	7
12 th December 2003	1693	1943	252	54	53	7
17 th March 2004	1835	2067	283	60	58	7
18 th April 2004	1853	2087	288	60	58	7

7 th December 2004	2046	2238	358	60	58	11
21 st December 2004	2071	2262	379	91	89	11
17th January 2005	2099	2346	462	91	89	11
Increase (13 th May 2003 to 17 th January 2005)	1065	1059	460	87	89	7
Percentage Increase	103	82.28	-	-	-	-

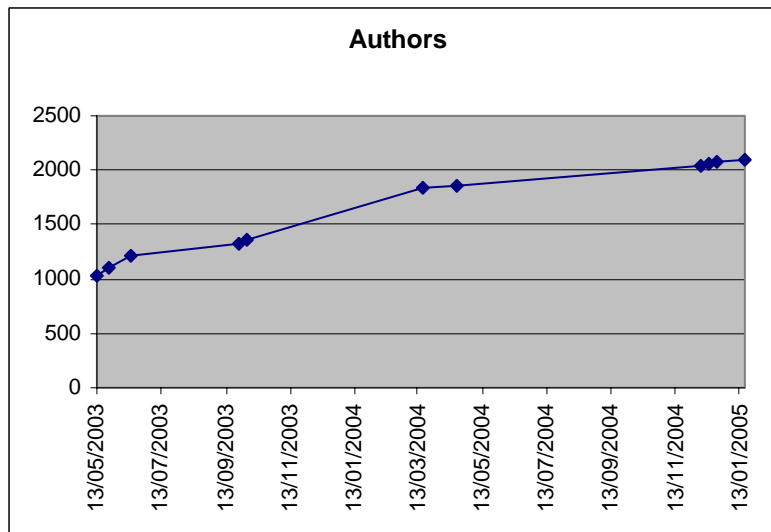


Figure One: Increase in Number of Authors

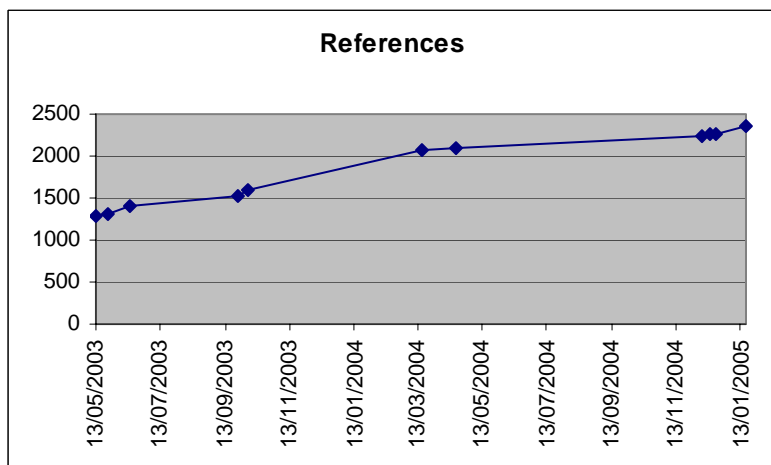


Figure Two: Increase in Number of References

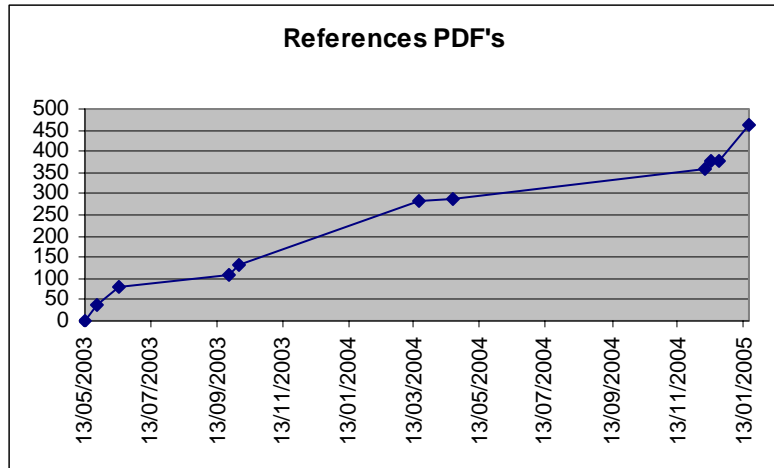


Figure Three: Increase in Number of References with Full Pdf's

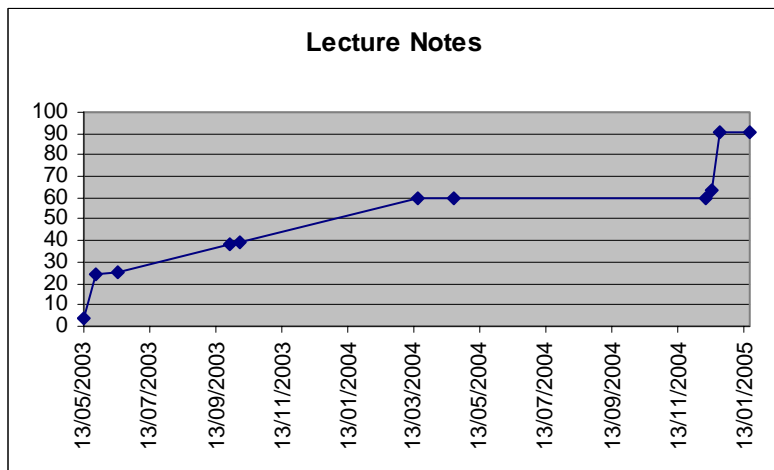


Figure Four: Increase in Number of Lecture Notes

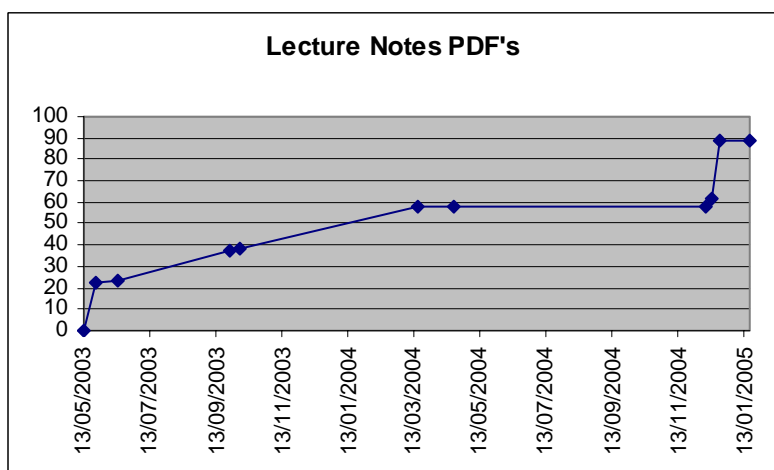


Figure Five: Increase in Number of Lecture Notes with Full Pdf's

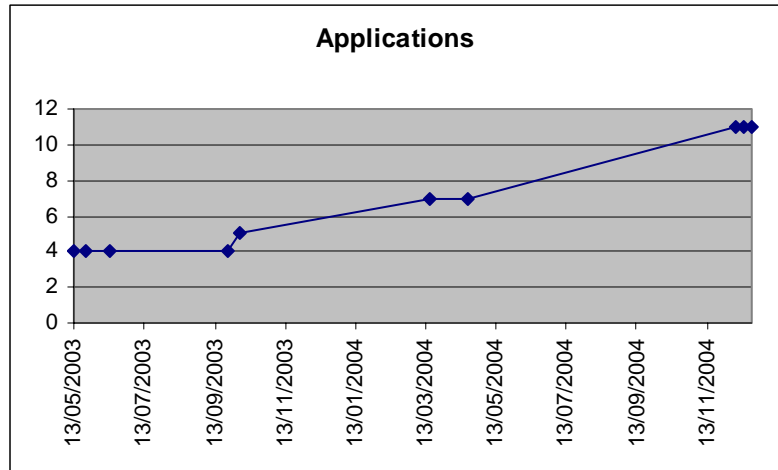


Figure Five: Increase in Number of Applications

2.2 Access Statistics

Table Two: Number of Hits on MIR Database

2003

Month	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Number of Hits	4	7	12	22	16	11	15	17	11	10

2004

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Number of Hits	12	11	18	12	10	17	4	1	3	9	11	8

2005

Month	Jan (so Far)	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Number of Hits	9											

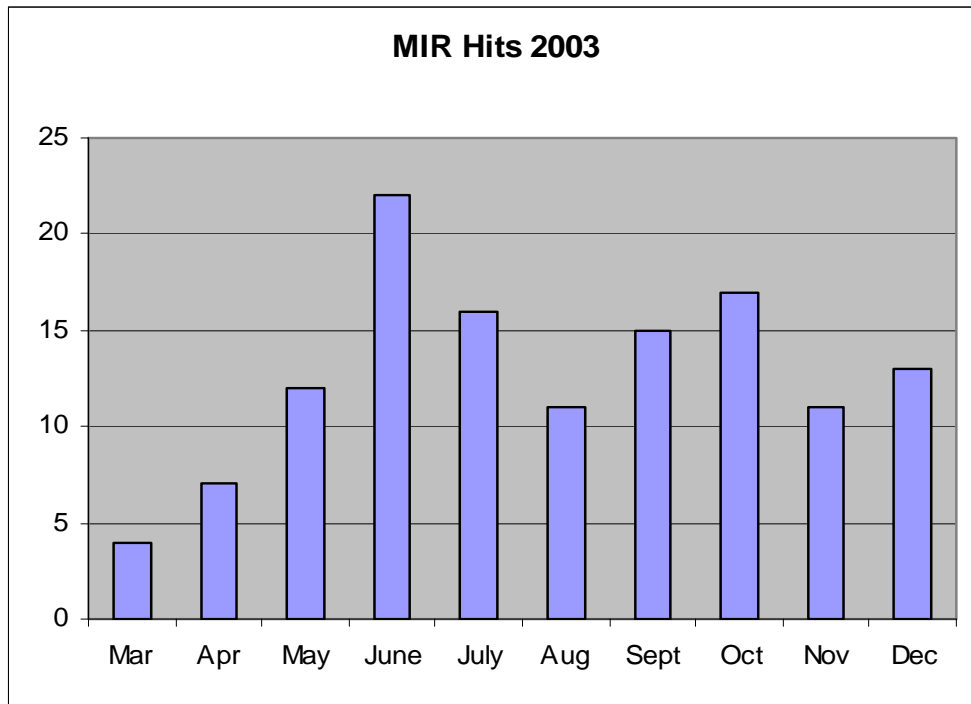


Figure Six: Number of Hits on MIR Database 2003

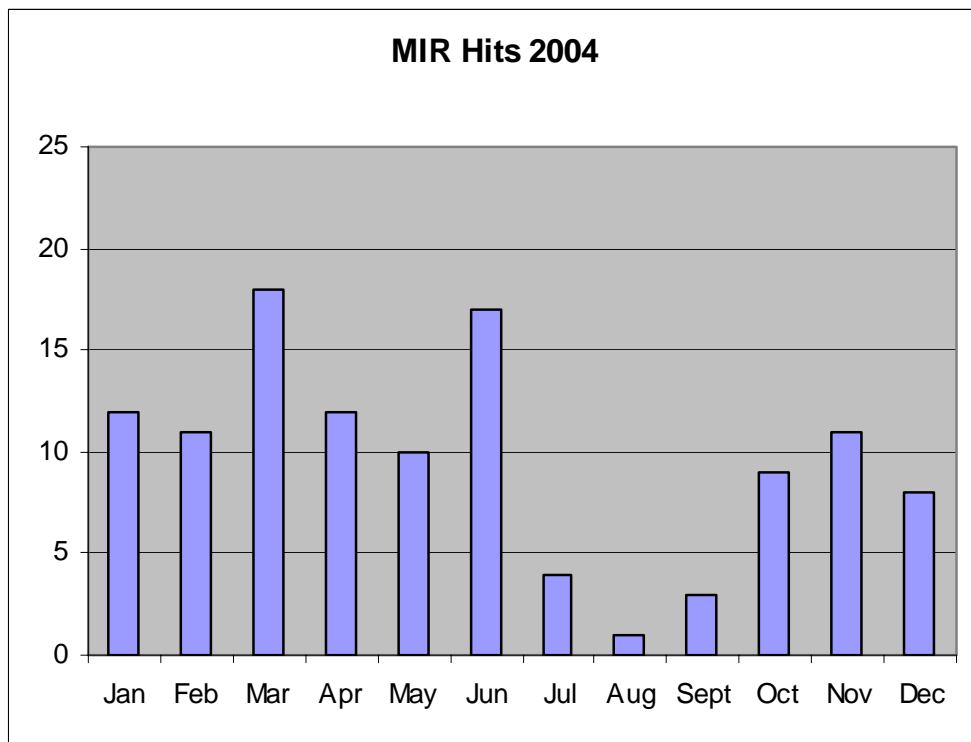


Figure Seven: Number of Hits on MIR Database 2004

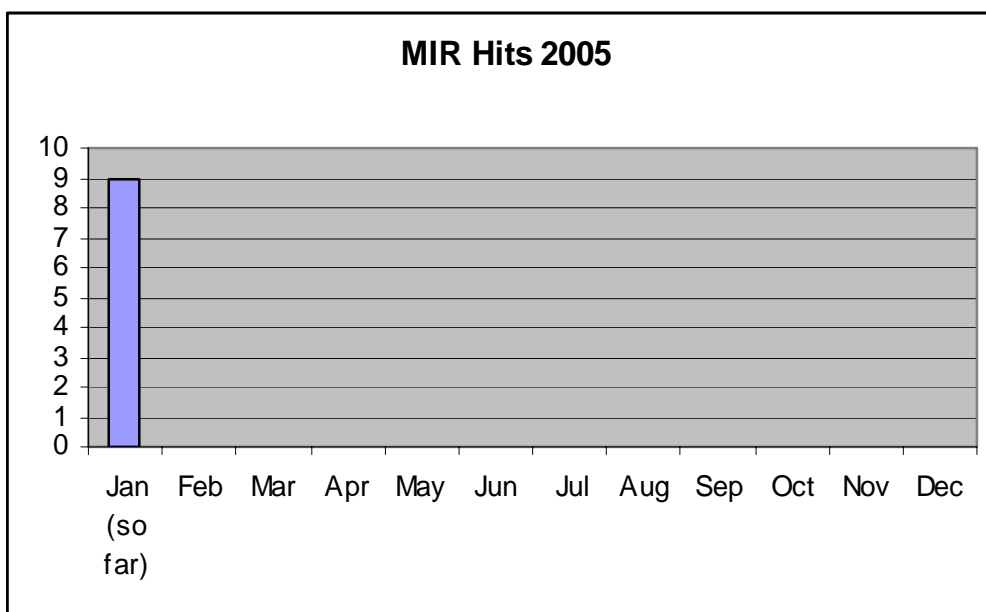


Figure Eight: Number of Hits on MIR Database 2005

3 Stand Alone Update Strategy

The stand alone version of the MIR database will need to change in two significant ways.

- On-line Submission must be stopped
- Users must be able to subscribe and unsubscribe themselves online

3.1 Cessation of On-line Submission

The removal of on-line submission is required to stop unsolicited / unchecked files being posted to the MIR once the site will permit persons to register themselves for this without vetting from MONET. This is a simple change and involves some alternations to the submission form from the MONET website. Currently a submission still has to be authorised by an administrator and manually transferred onto the MIR database. Thus there would actually be no threat of any submissions being included on the site, however they would be held on the server and this is undesirable. This is the reason for deciding to remove the option of On-line Submission. It may also give Users the incorrect belief that they could submit papers directly to the site. The submission of files would of course still be encouraged and users will still have the opportunity to email submissions to the administrator for inclusion in the database. The changes required to the submission form basically involve the details being sent to the MONET Administrator as an email (and attachment if required), instead of as at present, being sent to the database. In this way, the submission may be verified before being input to the database or held on the MONET server.

3.2 Self Registration

The second change requires more work. Currently, a potential User has to contact the MONET Administrator to request admission to the database. This is because it is at present a Member Only resource, to be allowed access, a person must be affiliated to a MONET Member Institute. Once the person has contacted the MONET Administrator, they are their details are input to the database and a password and User ID are allocated and sent out manually. The Co-ordination Node looked into several options to enable the database to be maintained as effectively as possible after the end of the Project funding period. One consideration was to leave the current registration procedures in place,

however the amount of time available to undertake the tasks associated with registration will be reduced once the funding period finishes. These tasks are quite time consuming, as there are several checks which have to be made and then all the information has to be entered into the database manually. As the MIR will cease to be a Member Only Resource once the Project funding period ends, some of these checks will become obsolete, and therefore, it has been decided that interested persons will be able to register themselves and their own details to the database and automatically be permitted access to MIR. It is planned to produce an on-line form by which Users could register themselves. They would enter the required personal details and then choose a log-in and a password. The coding behind the form would then automatically check that the information conforms to the standards already in the database and add them onto the user table of the MIR database. They will then have the same access that existing MONET Members now enjoy.

There will need to be additional functionality built into the website in order to achieve the changes detailed above. One of these is to enable the current server to parse php, a programming language which will interact with the database when a new person registers. All the changes detailed in this section will be tested and be in place by the end of the Project Extension period.

4 References

[1] MIR Action Plan. This document was delivered as an annex to the Six Month Report and is Available on-line at http://monet.aber.ac.uk:8080/monet/docs/tg_minutes_and_reports/co-ord/mir_database_action_plan.pdf

5 Document History

<i>Version</i>	<i>Date</i>	<i>Changes made to document</i>	<i>Changed by</i>
1.0	6 th October 2003	Draft of Document Produced	RIR
	28 th October 2003	Sent to CJP, NNS & JNT	
1.1	12 th November 2003	Amended with comments. Document finalised.	RIR
1.2	16 th December 2003	Updated statistics	RIR
2.0	7 th December 2004	Version 2 started, status set back to draft	RIR
2.1	22 nd December 2004	Updating of Section 3	JNT
2.2	19 th January 2005	Stats Updated and amendments checked	RIR
	20 th January 2005	Document Status set to Release	RIR