



## MONET2

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## MONET Final Report Months 36 to 39

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## Authors

MONET Coordinating Node
MONET Steering Committee

## **1 Introduction**

### ***1.1 Purpose of this Document***

This document covers the work that the MONET2 Project has been undertaking over the last three months of its 39 month funded period. It outlines what we have achieved and also the measures that we have put in place to ensure that the Network continues to have as much impact as possible once the funding period has finished.

## **2 Slow Start and Fast Finish**

### ***2.1 Slow Start***

The MONET2 Project began on the 1<sup>st</sup> of January 2005, however it was not until the 1<sup>st</sup> of February that the Project Co-ordinator was in place and it was the 1<sup>st</sup> of March before the Project Administrator began. This meant that there was an initial lag in the productivity of the Project.

Also during initial investigation into the website and online database, there proved to be considerably more work involved in the restructuring and rebuilding of these than was originally planned. All of these factors added together meant that the project did not get off to a fast a start as was hoped for.

### ***2.2 Fast Finish***

There was an eighteen-month gap between the end of MONET1 and the beginning of MONET2; this meant that the momentum that had been successfully generated in the first phase of the project was lost before the second phase began. This momentum has now been recreated and we are finding that we are getting more and more approaches from companies and other institutions wanting information on the technologies that we provide. For example, in mid-February the UK Defence Research Association approached the project and we are currently discussing how we can provide them with assistance in the future. The extra three months of this project has enables us to continue this work.

This period has also been useful for completing the project reports and roadmaps. These documents are time intensive and completing them within this three month enabled us to spend the last three months of 2004 focused solely on pushing forward the goals and objectives of the project.

## **3 Outreach Activities**

### ***3.1 Company Visits***

We have continued our outreach activities and have had meetings and discussions with a number of companies ranging from BMW / VW / DaimlerChrysler to British Aerospace Engineering; and as mentioned above we have just entered discussions with UK Defence Research Association. The value of these activities cannot be overstated; Industry can provide both the proving ground for today's technologies and the problems and data to help shape the technological solutions of tomorrow.

### ***3.2 Stuttgart Automotive Diagnosis DVD***

We are in the final stages of editing the DVD that was filmed at the Stuttgart Automotive Diagnosis Show. For this we filmed the Demonstrator built for VW by MONET Members O'CCM GmbH and R.O.S.E. GmbH. At this show we also filmed interviews with a range of companies on their development and applications of model-based diagnosis in the automotive sector. Once completed this will for a resource that can be distributed through Europe to showcase model-based applications in this sector.

We are currently in discussion with other automotive companies in order to include further interviews on the DVD. Whilst all of the companies we are talking to (BMW, DC, VW) have stated that they both utilize and are strongly in favour of the technology's and their further application, and are more than willing to say so on film, all of the companies have a long and complex vetting procedure for public statements such as these and we are currently awaiting the outcome of these processes.

### **3.3 QR Web Portal**

The existing QR Web Portal has been updated and will be used on an ongoing basis by educational institutions and Ecologists alike. This may be a new community but they are developing quickly and are very active and with one FP6 Project started already they are also successful. This web portal will ensure that they continue to be successful and that they spread that success to other areas.

## **4 Finalising Website and Online Database**

### **4.1 Website**

There has been a considerable amount of work done on the website. The structure was designed to be dynamic changing site and to be regularly updated; now the project is coming to an end the site is being altered to a more static structure. We are also expanding some sections to include more information for non-experts and concluding general 'house-work' type activities.

Our members have also requested that their emails are not left on the site once the project is over and so we are removing these from the site. Although some MONET emails (monet@aber.ac.uk, for example) will still exist after the close of the project, we are removing others, so that project members are not bothered by any request, we shall however re-direct these to MONET as the project will still have the use of the Administrator (albeit part time) and she can ensure that they are passed on only to members who are willing and able to assist.

The MONET site was also built to optimally use all of the resources that we wished, thus the site was housed on three different servers all set up specifically to run a separate areas of the site. In the future we do not expect the site to be getting the volume of traffic that it has been getting over the last few years and so we have brought all of the separate section together on one machine. This will make the system simpler and ensure it requires very little maintenance.

### **4.2 MIR Database**

There are now nearly two and a half thousand references on the MIR database and the site has been used more and more in recent months. The Project Executive felt that it would be regrettable of this vast resource did not continue to be available after the funding period was complete. MIR was a Member Only resource and a potential User had to contact the MONET Administrator to request admission to the database. To be allowed access, a person must first have been affiliated to a MONET Member Institute, then their details were input to the database and a password and User ID are allocated and sent out manually. Now persons can register themselves and their own details to the database and automatically be permitted access to MIR. They will then have the same access that existing MONET Members now enjoy.

## **5 Planning MONET Future**

The future of MONET lies in the Community that utilizes the technology that we support. This Community has grown and developed over the last few years, assisted in no small way by the work of the first and second phases of the MONET Project. Both the Qualitative Reasoning and the Diagnostic Community; the main two who utilize MBS&QR have stated that they both appreciate the

work of MONET and that they wish to see the development continue in the future. With their assistance we are going to turn MONET into the strategic backbone of the MBS&QR Communities. The University of Wales, Aberystwyth Department of Computer Science has stated that it will support his work by continuing to fund, part-time, the MONET Administrator. This will enable her to continue to assist in the development of the MONET Objectives and the growth of the associated Communities.

## 6 References

N/A

## 7 Document History

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