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As can be seen from the dual addresses above, while maintaining an association with MIT, I have taken a permanent position with Mitsubishi Electric Research Laboratories (MERL). This newly formed laboratory is a subsidiary of Mitsubishi Electric Corporation. Its charter is to conduct basic research in computer science—demonstrating entirely new possibilities, rather than making incremental improvements in what is now possible.

The code written for this column will continue to be available via FTP through MIT. FTP connection should be made to `FTP.AI.MIT.EDU` (INTERNET number 128.52.32.6). The various files are in the directory `/pub/1ptrs/`. My XP pretty printer and my implementation of Series expressions are stored in other subdirectories of `/pub/`.

(The powers-that-be changed the name of the FTP connection point for the MIT AI Lab shortly after the appearance of my last column. This caused a lot of confusion, which I greatly regret. If you were frustrated in an attempt to obtain my code, please try again using the connection point above.)

In the following article, I present a program called COVER, which can help assess the coverage of a suite of test cases. I use it in conjunction with the RT regression tester presented in my last column (Volume IV, Number 2). Like RT, COVER is simple, but very useful.

When a suite of test cases for a program is run in conjunction with COVER, statistics are kept on which conditions in the code for the program are exercised and which are not. Based on this information, COVER can print a report of what has been missed. By devising tests that exercise these conditions, a programmer can extend the test suite so that it has more complete coverage.

While I enjoy writing articles for this column, I enjoy the idea of publishing other people's articles even more. Please consider writing an article on an aspect of Lisp that interests you.

Richard C. Waters