File 20100721.1430: Notes from Bob Linka's retirement luncheon today:

RM 1.0, according to Ernie Jones, didn't work so well. The first version certified was something like 1.9.2. Chris Jude would be the one to know.

Radiant Mercury was originally Programme L-142. Tom Marso was on the original proposal team.

Site ZZ2 is in England.

I spoke with Hawk about the old cosine correlator and how we might use it in Probabilistic Redaction. Here is the email I sent to Jeff Dutoit afterwards:

> I had a conversation with Hawk today about the cosine correlator and how Probabilistic Redaction might use it. We talked about a couple of ways it would be useful:
>
> 1. As a speed-up on the front end of PR to determine rapidly whether a document is 'probably classified'. To do this, start with a large collection of documents you know are classified. Run the collection through Hawk's function to train it. Thereafter, show it an unknown document and you will get back a percentage score indicating whether the target is probably classified. As an improvement, train two separate instances of the correlator, one on a large set of classified documents and one on unclassified documents, and compare the scores for the target document. In addition to speed-up on the front end of processing, the score could be used to prioritize work in the redaction analyst's work queue—show him or her the most important items first.
>
> 2. For another project, do the same thing with the 'Topic Annotated 2001 Enron Email' data set available from LDC. Train the correlator on portions of that and you can get two scores, indicating the probability that the writer was not telling the truth, or hiding information, or talking around a topic. This might have uses in spotting attempts at data exfiltration, mole detection, covert channel analysis, or detection of insider trading in financial institutions.
>
> The cosine correlator is available in Perl. Hawk is going on travel for two weeks but we made plans to talk when he gets back. I would like to maybe talk about some of these ideas in front of the customer at demo time.
>
> We also talked about taking PDF files apart and putting them back together again after redaction.

References