

# Monty's Position on Things

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## **The TSTP Solution Library**

While it's nice to know that some TPs succeeded in proving certain theorems by the suffix added to the TPs name (for example -.s, -.n, -.f), it would be good if there was more information attached to the file name. Too often, I've wanted to find a proof only to find that all there was was the fact the a proof had been found.

Thus, I'm suggesting that each file name reflect a bit more information regarding the proof. For example, it might indicate (1) whether a proof was found, (2) whether a proof is given in a form understandable by someone other than the programmers, and then (I do this with the files I save) (3) the time taken, (4) ????. (I encode my information, more than suggested here using the base 50 to make it as short as possible.)

## **X-rated Problems**

It would be quite interesting to develop a mechanism for users to send in proofs found to X-rated theorems, and to have the proofs circulated in a timely fashion. They could be collected from the users whenever one is found and distributed every few weeks or months.