

Listing 3—PLI I/O example

```
/*
 * Fetch one byte from the source file. Pass value
 * back in an integer. Use the tf_* routines to pass
 * arguments in and out rather than normal C methods.
 */
int get_byte ()
{
    FILE *fp;
    int answer;

    fp = (FILE*) tf_getp(1);          /* get first parameter = file pointer */
    if (fread (&answer, 1, 1, fp) == 1) /* if got the byte */
        answer = (answer >> 24) & 0xFF; /* move byte to lsb's */
    else
        answer = -1;                 /* signal failure or EOF */

    tf_putp (0, answer);
    return (0);
}
```