if (bStart) {
    while ( !fr->bTitle && fgets2(line,STLEN,fp)) {
        fr->bTitle = (strcmp(line,"TITLE") == 0);
        fr->title = strdup(line);
        bEnd = FALSE;
        while ( (bEnd && fgets2(line,STLEN,fp)) ) {
            bEnd = (strcmp(line,"END") == 0);
        }
        fgets2(line,STLEN,fp);
    }
    if (fr->title == NULL) {
        fgets2(line,STLEN,fp);
        fr->title = strdup(line);
    }
    bEnd = FALSE;
    while ( (bEnd && fgets2(line,STLEN,fp)) ) {
        fgets2(line,STLEN,fp);
    }
} /* Do not get a line if we are not at the start of the file, 
   because without a parameter file we don't know what is in 
   the trajectory and we have already read the line in the 
   previous call (VERY DIRTY). */

bFinished = FALSE;

do { 
    bTime = (strcmp(line,"TIMESTEP") == 0);
    bAtoms = (strcmp(line,"POSITION") == 0);
    bPos = (strcmp(line,"POSITIONRED") == 0);
    bVel = (strcmp(line,"VELOCITY") == 0);
    bBox = (strcmp(line,"BOX") == 0);
    if (bTime) {
        if ( (fr->bTime && !fr->bX) ) { 
            fr->bStep = bTime;
            fr->bTime = bTime;
        }
        bFinished = (fgets2(line,STLEN,fp) == NULL);
        while ( (bfinished && (line[0] == '#')) ) {
            scanf(line,"%15d%15f", &(fr->step), &db1);
            fr->time = dbt;
        }
    } else 
        bFinished = TRUE;
}
}