

```

Input.
a:procend;
Edit.
W
q

```

```
r 1329 1.877 106
```

```
PL1 null
PL/I
```

```
PL1 builtin_function list
r 1332 17.899 868
```

```
PL/I
Begin builtin_function
```

```

Begin op
End - op
Begin const
End - const
Begin token
End - token
Begin symb
End - symb
Begin eatt
End - eatt
Begin bittab
End - bittab
Begin temp
End - temp
Begin sraf
End - sraf
Begin rdtype
End - rdtype

```

```
End - builtin_function
r 1346 125.972 3447
```

```

dp -del builtin_function.list
1 request signaled. 21 already queued.
r 1347 1.591 95

```

```

hmu
28 users, 30 maximum
r 1348 .903 78

```

```
PL1 reference_proc list
PL/I
```

```
Begin reference_proc
```

```
Begin ctypes
End - ctypes
```

File -  
M/L/H's  
PL/I

Example Speed of bootstrapped  
PL/I compiler  
(using old PL/I command prog)

builtin\_function  
is the largest source  
program compilable by PL/I  
11 pages of source

11 sec / prog  
14 min real time  
2 min cpu time