

# Torture test for pdftex and etex

## 1. Test for \NewList (and \ShowList)

```
BEGIN{MyList} (empty list)
END{MyList}
```

## 2. Tests for \Insert...

```
With \InsertFirstItem
BEGIN{MyList} (4 elements)
  MyList[0] = fourth
  MyList[1] = third
  MyList[2] = second
  MyList[3] = first
END{MyList}
```

We test \ClearList since we'll use it many times:

```
BEGIN{MyList} (empty list)
END{MyList}
```

```
With \InsertLastItem
BEGIN{MyList} (4 elements)
  MyList[0] = first
  MyList[1] = second
  MyList[2] = third
  MyList[3] = fourth
END{MyList}
```

With \InsertItem with indexes 0, 0, 2, 1

```
BEGIN{MyList} (4 elements)
  MyList[0] = second
  MyList[1] = fourth
  MyList[2] = first
  MyList[3] = third
END{MyList}
```

With \InsertRandomItem (seed = 3)

```
BEGIN{MyList} (4 elements)
  MyList[0] = first
  MyList[1] = third
  MyList[2] = second
  MyList[3] = fourth
END{MyList}
```

```

With \InsertList
BEGIN{MyList} (4 elements)
  MyList[0] = first of Mylist
  MyList[1] = second of Mylist
  MyList[2] = third of Mylist
  MyList[3] = fourth of Mylist
END{MyList}
BEGIN{OtherList} (4 elements)
  OtherList[0] = first of Otherlist
  OtherList[1] = second of Otherlist
  OtherList[2] = third of Otherlist
  OtherList[3] = fourth of Otherlist
END{OtherList}
Insertion at index 2
BEGIN{MyList} (8 elements)
  MyList[0] = first of Mylist
  MyList[1] = second of Mylist
  MyList[2] = first of Otherlist
  MyList[3] = second of Otherlist
  MyList[4] = third of Otherlist
  MyList[5] = fourth of Otherlist
  MyList[6] = third of Mylist
  MyList[7] = fourth of Mylist
END{MyList}
BEGIN{OtherList} (4 elements)
  OtherList[0] = first of Otherlist
  OtherList[1] = second of Otherlist
  OtherList[2] = third of Otherlist
  OtherList[3] = fourth of Otherlist
END{OtherList}

```