

List (DeepCopy)

Declared In: <misckit/MiscListExtensions.h>

Category Description

This provides the traditional ^adeep^o copy methods for a List class. Rather than simply copying the objects in the List, or their **id** pointers, these methods ask a List object to do a ^adeep^o copy of every object in the list. A deep copy of the List will be a new List containing *new*, ^adeep^o, copies of every single object in the List. (As opposed to simply copying the **id** pointers, which would be a ^ashallow^o copy.) When copying the List's objects, if the objects do not respond to the ;ΛιστΔεεπΧοπψ.ρτφ;δεεπΧοπψΦρομΖονε;;←±**deepCopyFromZone:** method, then the objects are simply sent the ±**copyFromZone:** message instead. Note that under NEXTSTEP, the ±**copyFromZone:** method is sometimes a shallow copy and sometimes a deep copy. If you want better control over memory management you should implement deep and shallow copy methods for your objects; this category aids in the use of such methods.

Method Types

Making deep copies of a List ;ΛιστΔεεπΧοπψ.ρτφ;δεεπΧοπψ;←- deepCopy

`;ΛιστΔεεπΧοπψ.ρτφ;δεεπΧοπψΦρομΖονε;;←- deepCopyFromZone:`

Instance Methods

deepCopy;¬deepCopy

- **deepCopy**

Returns a copy of the receiving List with ^adeep^o copies of all the objects in that list.

See also: **±copy** (List), **±copyFromZone:** (List), and

`;ΛιστΔεεπΧοπψ.ρτφ;δεεπΧοπψΦρομΖονε;;←-±deepCopyFromZone:`

deepCopyFromZone;;¬deepCopyFromZone:

- **deepCopyFromZone:(NXZone *)zone**

Returns a copy of the receiving List with ^adeep^o copies of all the objects in that list. All copies are allocated from the zone *zone*.

See also: **±copy** (List), **±copyFromZone:** (List), and `;ΛιστΔεεπΧοπψ.ρτφ;δεεπΧοπψ;←-±deepCopy`