initForDirectory:

Getting and freeing an NXBundle

+ mainBundle
+ bundleForClass:
 free

Getting a bundled class principalClass

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Finding a resource getPath:forResource:ofType:

+ getPath:forResource:ofType:inDirectory:withVersion:

Getting the bundle directory directory

Setting the version setVersion:

version

getPath:forResource:ofType:, setVersion:, + setSystemLanguages:

classNamed:(const char *)classname

Returns the class object for the classname class, or nil if classname isn't one of the classes associat
NXBundle.

Before returning, this method ensures that any code in the bundle directory has been loaded into m
classname class will be part of the executable image, if it's available to the NXBundle object.

principalClass

(const char *)directory

Returns a pointer to the full pathname of the receiver's bundle directory.

initForDirectory:

free

Frees the receiving NXBundle, and returns nil. However, the main bundle can't be freed, and neith
with dynamically loaded code. If it can't free the object, this method returns self.

(BOOL)getPath:(char *)path
        forResource:(const char *)filename
        ofType:(const char *)extension

Returns YES if the specified resource file is available within the bundle, and NO if it's not. If path
pathname to the file is copied into the buffer it points to. To accommodate all possible pathnames,
be at least MAXPATHLEN + 1 characters long. MAXPATHLEN is defined in the sys/param.h he

To find the resource file, this method first looks inside the bundle directory for ª.lprojº subdirector
user's language preferences (as specified in the Preferences application). It searches for subdirecto
preference.

When it finds a ª.lprojº subdirectory for a preferred language, the NXBundle first makes sure that
version (as specified in a version file) matches the version last set by the setVersion: method. If th
or if the subdirectory doesn't contain the requested resource file, the NXBundle continues the searc
lprojº subdirectory for the next most preferred language.

The search stops, and this method returns, as soon as the resource file is found. If the file can't be
subdirectory, the NXBundle looks for a nonlocalized version of it in the bundle directory.

If the extension doesn't repeat an extension already specified in the filename, it's added to filenam
begins. The extension can be NULL, but filename can't be.

setVersion:

initForDirectory:(const char *)fullPath

principalClass

Returns the class object for a class that's dynamically loaded by the NXBundle, or nil if the NXBu
load any classes. Classes can be loaded from just one file within the bundle directory, a file that ha
directory (but without the ª. bundleº extension). If that file contains a single class, this method retu
contains more than one loadable class, this method returns the first one it encountersÐthat is, the f
command line that created the file. In the following example, Reporter would be the principal clas

classNamed:

setVersion:(int)version

Sets the version that the NXBundle will use when searching ª. lprojº subdirectories for resource fil
default version is 0.

getPath:forResource:ofType:, version

(int)version

Returns the version last set by the setVersion: method, or 0 if no version has been set.

setVersion: