Ryzom - Feature # 1321

Status:	Closed	**Priority:**	Normal
Author:	rti	**Category:**	OS: Mac
Created:	06/14/2011	**Assignee:**	kervala
Updated:	03/31/2012	**Due date:**	
Subject:	Adopt WITH_STATIC_EXTERNAL for Mac OS X		
Description			

see r1626

History

#1 - 06/15/2011 04:11 pm - rti

The default value of CMAKE_FIND_LIBRARY_SUFFIXES on Mac OS X is ".dylib;.so;.a". So it prefers .dylib over .so over .a.

For some libraries, the system might not provide static ones (e.g. Apple provided libz, libSystem, etc.).
Having a list of extensions enables a fall back solution, while just setting it to one of the extensions will simply fail if the desired one is not available.
WITH_STATIC_EXTERNAL could set CMAKE_FIND_LIBRARY_SUFFIXES to something like .a;.dylib;.so on Mac OS X.

Maybe a similar way could be interesting for Linux based systems as well?

#2 - 03/07/2012 08:46 pm - kervala

- Status changed from New to Assigned

- Assignee set to kervala

#3 - 03/07/2012 08:50 pm - kervala

As suggested by rti, I updated code to check for :

- Mac OS X : .dylib .so .a if WITH_STATIC_EXTERNAL is OFF
- Mac OS X : .a .dylib .so if WITH_STATIC_EXTERNAL is ON
- Linux : .so .a if WITH_STATIC_EXTERNAL is OFF
- Linux : .a .so if WITH_STATIC_EXTERNAL is ON

#4 - 03/07/2012 08:50 pm - kervala

- Status changed from Assigned to Resolved

- % Done changed from 0 to 100

Applied in changeset commit:02bc0b6f7765.

#5 - 03/07/2012 08:50 pm - kervala

- Target version set to Version 0.9.0

#6 - 03/07/2012 08:54 pm - kervala

The problem we had recently while compiling a full static client is that libGL.a doesn't exist because it's provided by graphics card drivers, it could exist

other cases as for OpenAL which doesn't provide a static library under Ubuntu last version.

#7 - 03/31/2012 06:25 pm - kervala

- Status changed from Resolved to Closed