Subject: serialize and endians on non-x86 machines [BUG]
Posted by iplayfast on Fri, 24 Feb 2006 07:26:12 GMT

I was tracing through the serialize example (wow this stuff is impressive).
One thing I noticed is that you are not taking endian into account. (Which is important for some processors.)

Something else which might be important to you when porting to different processors is some processors insist on even boundaries for integer values. That is structures like
pack(1)
struct S
{
char A;
int B;
};

Will cause an exception (and possible crash) when B is selected.

I've run into it when reading data from disk into a structure and then trying to access the data.

EDIT: new topic name by fudadmin