Subject: Pick problems
Posted by [mdelfede](#) on Sat, 23 Jan 2010 09:14:23 GMT
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I get sometimes 'Pick broken semantic' error in my app and, as it is multithreaded, to locate them is becoming a nightmare.
Just today I've got one which I can't locate, and I'm thinking about some way to check if a container get picked just when it is.
So, it would be possible to add to containers a debug function like

BreakOnPick(bool brk = true);

which, if enabled, would throw a BREAK in debug mode, so the code that breaks pick semantics can be located more easy ?

Another stuff.... IsPicked() is missing from ArrayMap, because it's missing from AIndex template class.
Adding this to it :

bool IsPicked(void) const { return key.IsPicked() || hash.IsPicked(); }

Solves the issue.

Ciao

Max

Subject: Re: Pick problems
Posted by [mdelfede](#) on Sat, 23 Jan 2010 13:03:08 GMT
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Attached patched core files (Vcont.h, Map.h and Index.h) helps a lot adding a PickBreak(bool) method.
In order to activate Pick detection, is enough to do

MyContainer.PickBreak(true);

then each time the container gets picked a debugger breakpoint is triggered, making easy to backtrace the pick event.

Ciao

Max

File Attachments

Subject: Re: Pick problems
Posted by mirek on Sun, 24 Jan 2010 13:41:16 GMT
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I did not liked the implementation - it changes the sizeof() of container and does not care about release mode.

So I have created my own - only one breakpoint possible, but it should be enough...

Subject: Re: Pick problems
Posted by mdelfede on Sun, 24 Jan 2010 15:57:19 GMT
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Yep, my implementation was just a quick-and-dirty solution to my problem. What's your implementation usage ?
Do you mean that you can activate the breakpoint just for a single container type or instance on each run ?

Ciao

Max

Subject: Re: Pick problems
Posted by mirek on Sun, 24 Jan 2010 16:00:21 GMT
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mdelfede wrote on Sun, 24 January 2010 10:57Yep, my implementation was just a quick-and-dirty solution to my problem. What's your implementation usage ?
Do you mean that you can activate the breakpoint just for a single container type or instance on each run ?

Ciao

Max

Single instance, yes.