
Subject: Re: NEW: generic Toupel grouper
Posted by [dolik.rce](#) on Wed, 13 Oct 2010 20:35:46 GMT
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luzr wrote on Wed, 13 October 2010 18:48 Too verbose, we need something more sexy...
There is a way... a sexy way What would you say to this: `template <typename A, typename B>`
`struct Tuple2 : PossiblyMoveable<Tuple2<A,B>,A,B>`{

...
}Is that sexy enough? The idea is that `PossiblyMoveable<T,A,B,...>` evaluates to `Moveable<T>` if
`A,B,...` are all moveable and to `EmptyClass` otherwise.

I can't give you the code right now, but I have it implemented (it needs only some cosmetic
changes) and I will post it here tonight or tomorrow. Word of warning in advance: It is heavy
"template metaprogramming" (Just found that term on wiki, but it fits)

kohait00 wrote on Wed, 13 October 2010 22:03 in any case, the user needs to take care of that all
by himself. it's just to make the process to do so a bit easier.
As you could already guess from above, what you say is not true It can be done automatically, by
abusing the compiler/language just a bit

Honza
