
Subject: Re: NEW: generic Toupel grouper
Posted by [dolik.rce](#) on Tue, 17 Aug 2010 20:52:00 GMT
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kohait00 wrote on Tue, 17 August 2010 22:22Quote:Don't forget about the GetCount()i dont think that it is that much of use either. becasue everything is know at compiletime, and Tupel is not meant to be a base class. so i cant imagine any practicle usecase. i'd prefer to, as mirek statet, have it as simple as possible, and serve its due as beeing a compile time known simple strong type container / grouper of data types. not more nor less, except there is more things to have on it, that are of real use.

The main reason I want GetCount() is that it is in every container, from Vector to String. You are right that everything is known at compile time, but it doesn't really mean that you know everything when you write some code E.g.: Sometimes there are situations where you create templated function which iterates through a container. It doesn't even have to be you who uses the code in the end.

One of the reasons why I like U++ so much is its consistency of interfaces. I feel safe to write template or macro that is doing something general with only basic assumptions about interface, often without knowing what some crazy user of my code will send to it And it is not only about iterating in containers - also ToString (DUMP and LOG are great example of what I tried to describe in previous paragraph), Serialize, Null constructors, operator<=< etc.

Honza