
Subject: Re: NEW: generic Toupel grouper
Posted by [kohait00](#) on Wed, 13 Oct 2010 10:24:52 GMT
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i think the typedef is an easy way, so we can use NTL_MOVEABLE
here a short idea.. if anyone knows how to specify the salt for the name in a better way, welcome..
with this,

```
//V1
#if 0
#define TUPLE2_MOVEABLE(T1, T2) \
typedef Tuple2<T1,T2> COMBINE3(TD_,T1,T2); \
NTL_MOVEABLE(COMBINE3(TD_,T1,T2)); \

#endif
```

```
//V2
#if 1

#define TUPLE2_MOVEABLE(T1, T2, salt) \
typedef Tuple2<T1,T2> TD_salt; \
NTL_MOVEABLE(TD_salt); \

#endif
```

```
//V1
#if 0
TUPLE2_MOVEABLE(Point, Size);
#endif
```

```
//V2
#if 1
TUPLE2_MOVEABLE(Point, Size, 123);
#endif
```

//this enables Vector<Tuple2<Point, Size> > to be used