
Subject: HELPER: Value grouping to ValueArray
Posted by [kohait00](#) on Thu, 18 Nov 2010 09:10:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

hi all,

here comes a ArrayCtrl like grouper of Values to a ValueArray, returned as Value itself.
maybe its of help for someone..

since a variable arguments list is suboptimal in c++, this is definitely a better solution in general.
good work who ever did this for ArrayCtrl..

syntax:

```
Value ToValueArray(const Value& [, const Value& ]...);
```

```
inline Value ToValueArray(const Vector<Value>& v)
{
    return ValueArray(Vector<Value>(v, 0));
}

inline Value ToValueArray(Vector<Value>& v)
{
    return ValueArray(v);
}

//$/Value ToValueArray(const Value& [, const Value& ]...);
#define E__ToValueArray(I)    Value ToValueArray(__List##I(E__Value));
__Expand(E__ToValueArray)
#undef E__ToValueArray

#define E__Addv(I)  v << p##I
#define E__ToValueArrayF(I) \
Value ToValueArray(__List##I(E__Value)) { \
Vector<Value> v; \
__List##I(E__Addv); \
return ValueArray(v); \
}
__Expand(E__ToValueArrayF)

CONSOLE_APP_MAIN
{
    Value v = ToValueArray(123, "Hallo", 23.0);
    RLOG(v);
}
```

File Attachments

1) [ValueGroup.rar](#), downloaded 205 times
