Subject: Very need function Age.
Posted by sergeynikitin on Tue, 16 Dec 2008 00:26:11 GMT
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Simple function Age (whole years between 2 dates) used in any projects. Maybe include this function in TimeDate.cpp ?

Subject: Re: Very need function Age.
Posted by sergeynikitin on Tue, 16 Dec 2008 03:52:33 GMT
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Code of function

```
int Age(Date date1, Date date2) {
 Date date_t;
 if (date1 > date2) {
  date_t = date2;
  date2 = date1;
  date1 = date_t;
 }
 if (date2.month > date1.month) return date2.year - date1.year;
 else if  (date2.month < date1.month) return date2.year - date1.year - 1;
 else if  (date2.month == date1.month) {
  if (date2.day >= date1.day) return date2.year - date1.year;
  else if  (date2.day < date1.day) return date2.year - date1.year - 1;
 }
 return -1;
}
```

Subject: Re: Very need function Age.
Posted by tojocky on Tue, 16 Dec 2008 07:34:33 GMT
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May be:

```
int AgeYears(Date date1, Date date2) {
 int sign=1;
 if (date1 > date2) sign = -1;
 int age_years = sign*(date2.year - date1.year);
 int month_dif = sign*(date2.month - date1.month)
 if ((month_dif < 0)||((month_dif == 0)&&(sign*(date2.day - date1.day) < 0))) age_years--;
 return age_years;
}
```

?
tojocky

Subject: Re: Very need function Age.
Posted by sergeynikitin on Tue, 16 Dec 2008 12:29:57 GMT
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tojocky wrote on Tue, 16 December 2008 10:34May be:

```
int AgeYears(Date date1, Date date2) {
 int sign=1;
 if (date1 > date2) sign = -1;
 int age_years = sign*(date2.year - date1.year);
 int month_dif = sign*(date2.month - date1.month)
 if ((month_dif < 0)||((month_dif == 0)&&(sign*(date2.day - date1.day) < 0))) age_years--;
 return age_years;
}
```

?
tojocky

Maybe. It doesn't matter. Last time I use this function anywhere.
This function very is often used.

So it was a request to the developers of inclusion in the assembly.
