
Subject: GridCtrl Search/Move Columns Bug
Posted by [jeremy_c](#) on Mon, 08 Jun 2009 18:12:24 GMT
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I have a Grid control: Subject, Created At, Modified At. It's been working great with search. I then added Movable Columns. It still works great. However, if I take and move Created At or Modified At in front of Subject and then try to search I get an error:

Assertion failed in c:\develop\projects\upp\uppsrc\core\Value.h, line 461
Invalid value conversion: class Upp::RichValueRep<class Upp::WString> -> struct Upp::Time

My grid is setup:

```
items.AddIndex(ID);
items.AddColumn(SUBJECT, "Subject").Edit(subjectEdit);
items.AddColumn(CREATED_AT, "Created", 15).SetConvert(Single<ConvTimeAgo>());
items.AddColumn(MODIFIED_AT, "Modified", 15).SetConvert(Single<ConvTimeAgo>());
```

subjectEdit is a EditStringNotNull.
ConvTimeAgo is:

```
struct ConvTimeAgo : Convert
{
    Value Format(const Value &q) const
    {
        Time dt = (Time) q;
        Time now = GetSysTime();
        int64 diff = now - dt;

        if (q.IsNull())
            return "";
        if (diff > (SECS_PER_DAY * 7))
            return ::Format("%02d/%02d/%04d", dt.month, dt.day, dt.year);
        if (diff > SECS_PER_DAY)
            return ::Format("Last %Day", ::DayOfWeek(dt));
        if (diff > SECS_PER_HOUR)
            return ::Format("%d hours ago", diff / SECS_PER_HOUR);
        if (diff > SECS_PER_MINUTE)
            return ::Format("%d minutes ago", diff / SECS_PER_MINUTE);
        return ::Format("%d seconds ago", diff);
    }
};
```

Jeremy
