
Subject: Scan an timestamp
Posted by [mubeta](#) on Wed, 14 Jul 2010 20:10:04 GMT
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Hi,
please, how I can scan this string of timestamp: "Wed, 14 Jul 2010 18:07:49 GMT", to a Time?

thanks.

Subject: Re: Scan an timestamp
Posted by [koldo](#) on Wed, 14 Jul 2010 21:05:42 GMT
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mubeta wrote on Wed, 14 July 2010 22:10Hi,
please, how I can scan this string of timestamp: "Wed, 14 Jul 2010 18:07:49 GMT", to a Time?

thanks.
Hello Mubeta

If you remove the initial "Wed," you can use this:

```
// Like StrToDate but using Time
const char *StrToTime(struct Upp::Time& d, const char *s) {
    s = StrToDate(d, s);

    d.hour = d.minute = d.second = 0;

    const char *fmt = "hms";

    while(*fmt) {
        while(*s && !IsDigit(*s))
            s++;
        int n;
        if(IsDigit(*s)) {
            char *q;
            n = strtoul(s, &q, 10);
            s = q;
        } else
            break;

        switch(*fmt) {
            case 'h':
                if(n < 0 || n > 23)
                    return NULL;
                d.hour = n;
                break;
            case 'm':
```

```
if(n < 0 || n > 59)
    return NULL;
d.minute = n;
break;
case 's':
if(n < 0 || n > 59)
    return NULL;
d.second = n;
break;
default:
    NEVER();
}
fmt++;
}
return d.IsValid() ? s : NULL;
}
```

```
Time StrToTime(const char *s) {
    Time ret;
    StrToTime(ret, s);
    return ret;
}
```

So

```
SetDateScan("dmy"); // Or set a language with the right date scan order
Time t = StrToTime("14 Jul 2010 18:07:49 GMT");
```