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Subject: Re: fill date bars automatically

Posted by [BetoValle](#) on Wed, 21 Apr 2021 18:25:22 GMT

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Hi,

I did this routine and it works in my country with a formatted date. Of course, the code needs to be optimized, but it works.

```
...
    SetLanguage ( "pt-br" );
    SetDateFormat("%3:02d/%2:02d/%1:4d");          // dd/mm/aaaa
    SetDateScan("dmy");
...

boolean rotinaData(dword key, EditField* cpo)
{
    if(cpo->HasFocus()){
        String x = GetKeyDesc(key);
        String s = GetKeyDesc(key & ~K_KEYUP);

        int L=cpo->GetText().GetLength();

        LOG(" conteudo " << s << " comprimento " << L << EOL );
        if( s.IsEqual("Backspace") || s.IsEqual("Delete") || s.IsEqual("Enter") || s.IsEqual("Tab")
        || s.IsEqual("Home") || s.IsEqual("Left") || s.IsEqual("Right") || s.IsEqual("End")
        ){
            return true;
        }

        int i=cpo->GetText().ToString().Find("/");
        if(i>-1){ //remove uma barra
            s=cpo->GetText().ToString();
            s.Remove(i);
            cpo->SetText(s);
            cpo->SetSelection(i+1);
            return true;
        }

        char c =s[0]; //converte String para char
        if( (int)c>=48 && (int)c<=57 ){ //numero decimal dos caracteres de 0 a 9

        }else{
            i=s.Find("Num");
            if(i== -1){
                cpo->Key(K_BACKSPACE,1);
                return true;
            }
        }
    }
}
```

```

}

if(L==4){
    s=cpo->GetText().ToString();
    String v="";
    if(s.Mid ( 3, 1 ).IsEqual("/") ){
        v=s.Mid(0,3);
    }else{
        if(s.Mid(3,1).IsEqual("0") || s.Mid(3,1).IsEqual("1"))
v=s.Mid(0,4);

        else
            v=s.Mid(0,3);
    }
    cpo->SetText( v );
    cpo->SetSelection(5);
    return true;
}

if (L==5) {
    s=cpo->GetText().ToString();
    String v="";
    if(s.Mid ( 4, 1 ).IsEqual("/") ){
        v=s.Mid(0,4);
    }else{
        int n = StrInt( s.Mid(3,2) );
        if((n>0)&&(n<=12))
            v=cpo->GetText().ToString()+" ";
        else
            v=s.Mid(0,4);
    }
    cpo->SetText( v );
    cpo->SetSelection(6);
    return true;
}

if(L==2){
    s=cpo->GetText().ToString();
    String v="";
    if(s.Mid ( 3, 1 ).IsEqual("/") ){
        v=s.Mid(0,2);
    }else{
        int n = StrInt( s.Mid(0,2) );
        if(n<=31)
            v=cpo->GetText().ToString()+" ";
        else
            v=s.Mid(0,1);
    }
    cpo->SetText( v );
}

```

```

    cpo->SetSelection(3);
    return true;
}

if(L==1){
    s=cpo->GetText().ToString();
    String v="";
    if(s.Mid ( 0, 1 ).IsEqual("/") ){
        v="";
    }else{
        int n = StrInt( s.Mid(0,1) );
        if(n<=3)
            v=cpo->GetText().ToString();
        else
            v="";
    }
    cpo->SetText( v );
    cpo->SetSelection(3);
    return true;
}

i=s.Find("Num ");
if(i>-1){
    s.Remove(i,4);
    char c =s[0]; //converte String para char
    if( (int)c>=48 && (int)c<=57 ){ //numero decimal dos caracteres de 0 a 9
        return true;
    }else{
        if(s.Find("[/]">-1)
            cpo->Key(K_BACKSPACE,3);
        else
            cpo->Key(K_BACKSPACE,1);
    }
    return true;
}else{
    i=s.Find("Num[/]");
    if(i>-1){
    } else{
    cpo->Key(K_BACKSPACE,1);
    }
}

return true;
}

return false;
}

```

```
bool AA::Key(dword key, int count) // from virtual bool Key(dword key, int count);
{
    if(rotinaData(key,&dt))
        return false;

    return false;
}
```

Thanks!

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