
Subject: something about brc file

Posted by [mubeta](#) on Sat, 03 Mar 2007 14:15:51 GMT

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Hi,
I think there is some problem in the U++ "brc/ship" tutorial package. Compiling the original file I get error about MemReadStream....; in fact this class don't return any String or Stream pointer. Now I am using the String object:

```
BZ2Decompress(String(root_all[i], root_all_length[i])) ...
```

(But why there is so many binary container in u++??)

At the same time, using Progress for show a friendly decompression status, the bar restart from zero foe every decompressed file, so I write this code:

```
// header
class MyProgress : public Progress {
private:
    int ts, pp;

public:
    void SetMax(int max);
    void SetLev(int lev);

    bool PartialProgress(int par, int tot);

    operator Gate2<int, int>() { return callback(this, &MyProgress::PartialProgress); }

    typedef MyProgress CLASSNAME;
};

// cpp
void MyProgress::SetMax(int max) {

    ts = max;
    return;
}

void MyProgress::SetLev(int lev) {

    pp = lev;
    Set(pp, ts);
    Refresh();
    return;
}
```

```

bool MyProgress::PartialProgress(int par, int tot) {

    double k = (double)ts / (double)tot;
    int p = fceil(par / k);
    Set(pp+p, ts);
    Refresh();

    return false;
}

...

// Package part

MyProgress p;
int ts = 0;
int pg = 0;
for(int i = 0; i < root_all_count; i++) ts += root_all_length[i];

p.SetMax(ts);
p.SetLev(0);
p.Title("Installazione in corso");
p.AlignText(Ctrl::LEFT);
RealizePath(installPath + "\\1.5\\");
for(int i = 0; i < root_all_count; i++) {
    p.SetText(root_all_files[i]);
    if(!SaveFile(installPath + "\\1.5\\" + root_all_files[i], BZ2Decompress(String(root_all[i],
root_all_length[i]), p))) {
        Exclamation("Errore. Pacchetto di installazione incompleto !");
        return;
    }
    pg += root_all_length[i];
    p.SetLev(pg);
}

```

With many files at the same directory, where one it's much more big the all others, the original progress indicator never show the real decompression status. Using PartialProgress, the percentage bar is much more linear.

Last. brc file is not recompiled if the source file it's changed. How to make it sensitive at the new file??

Mauro Bottizzo.

Subject: Re: something about brc file
Posted by [mirek](#) on Sat, 03 Mar 2007 15:46:46 GMT
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Please, could you post packed package with this testcase?

Mirek

Subject: Re: something about brc file
Posted by [mubeta](#) on Sat, 03 Mar 2007 16:47:25 GMT
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File Attachments

1) [E011Setup.zip](#), downloaded 421 times

Subject: Re: something about brc file
Posted by [mirek](#) on Sun, 04 Mar 2007 23:45:54 GMT
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mubeta wrote on Sat, 03 March 2007 09:15Hi,
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```
BZ2Decompress(String(root_all[i], root_all_length[i])) ...
```

(But why there is so many binary container in u++??)

MemReasStream is not container, but Stream. The error in brc/ship is definitely there; now fixed (it is GCC/MSVC compatibility issue, more specifically, it is MSVC allowing nonstandard C++ construct).

Quote:

At the same time, using Progress for show a friendly decompression status, the bar restart from zero foe every decompressed file, so I write this code:

Yes, a good idea.

Quote:

Last. brc file is not recompiled if the source file it's changed. How to make it sensitive at the new file??

In package organizer, click on the .brc file, then right-click the right array and choose "Add dependencies" to specify files it depends on.

Mirek
