
Subject: Zip file compression in a TopWindow and building progress bar

Posted by [BetoValle](#) on Mon, 12 Dec 2022 20:03:07 GMT

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Hi,

How do I build a progress bar control (ProgressIndicator) into the "ab" function below? Do you have any suggestions?

I've tried several times, but ide won't accept putting it inside the function!
on first compilation it requires a static control. If I create this control, ide reports an error
(): lld-link: error: undefined symbol: pBack::ti

Thanks!

```
class pBack : public WithpBackLayout<TopWindow> {
public:
```

```
    typedef pBack CLASSNAME;
    pBack();
    ~pBack();
```

```
    void FazBackup();
    String salvaRegsNoZipFile()
```

```
}
```

```
Gate2<int, int> WhenProgress; //tipo definido
```

```
int ab(int a,int b){
    float f= static_cast<double>(a) / b * 100;
```

```
    //--> here if i put an ProgressIndicator i can't compile !
```

```
    return WhenProgress(a,b); //função tem que retornar este tipo
}
```

```
String pBack::salvaRegsNoZipFile()
{
    FileZip zip(fnZip_);
    FindFile fff(rrTP[i].nArquivo);
    zip.WriteFile(LoadFile(fff.GetPath()), fff.GetName(),ab );
    zip.Finish();
}
```

```
void pBack::FazBackup()
{
```

```

Thread thr;
thr.Run ( [=]
{
    ...

    salvaRegsNoZipFile();

    ...

}
}

```

Subject: Re: Zip file compression in a TopWindow and building progress bar
 Posted by [BetoValle](#) on Wed, 14 Dec 2022 02:24:47 GMT
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Hi,

I was able to come up with a solution (successfully tested) using a new tread that contains a ProgressIndicator!

I'll put it on record here for anyone who might take advantage of it.

Thanks

```

class pBack : public WithpBackLayout<TopWindow> {
public:

```

```

    typedef pBack CLASSNAME;
    pBack();
    ~pBack();

```

```

    void FazBackup();
    String salvaRegsNoZipFile()

```

```

    void newThread();/**

```

```

}

```

```

pBack::~~pBack()
{
    ShutdownThreads();
}

```

```

int aa,bb;  /***
float ff;   /***
bool ok;    /**

void pBack::newThread()
{

    Thread thr2;
    thr2.Run ( [=]
    {
        While ok {

            if ( IsShutdownThreads() )
                break;

            GuiLock _b1;
            Pi.Set(aa,bb); // ProgressIndicator build in file.lay!
            GuiUnlock __b1;

            Sleep(20);
        }
    }

}

Gate2<int, int> WhenProgress;
int ab(int a,int b){
    float f= static_cast<double>(a) / b * 100;

    aa=a;/***
    bb=b;/***
    ff=f;/***

    return WhenProgress(a,b);
}

String pBack::salvaRegsNoZipFile()
{
    FileZip zip(fnZip_);
    FindFile fff(rrTP[i].nArquivo);

    ok=true;    /**
    newThread(); /**

    zip.WriteFile(LoadFile(fff.GetPath()), fff.GetName(),ab );

    ok=false;  /**

```

```
zip.Finish();
}

void pBack::FazBackup()
{
    Thread thr;
    thr.Run ( [=]
    {
        ...
        salvaRegsNoZipFile();
        ...
    }
}
```
