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

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

[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

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();  
        ...  
    }  
}
```
