

U++ - Feature #1696

plugin/Zip/UnZip: interface simplification & a little optimisation

04/28/2017 07:58 PM - Abdelghani Omari

Status:	Approved	Start date:	04/28/2017
Priority:	Normal	Due date:	
Assignee:	Miroslav Fidler	% Done:	0%
Category:	General	Estimated time:	0.00 hour
Target version:	Release 2017.2	Spent time:	0.00 hour

Description

in the attached patch :

- update UnZip::ReadDir(): a file is added to the list only if all it's field are sets.
- add the possiblilty to load a file knowing it's path
- add search in the zip: Vector<String> UnZip::Search(String pattern)

currently, i have to do loop in each file in the zip in order to find a file knowing it's name.

```
while(!(unzip.IsEof() || unzip.IsError())) {  
    if(path == unzip.GetPath())  
        s = unzip.ReadFile();  
    else  
        unzip.SkipFile();  
}
```

it's usefull if we add this overload:

```
String UnZip::ReadFile(const char* path, Gate<int, int> progress = Null)  
{  
    for(int i = 0; i < file.GetCount(); i++)  
    {  
        if(file[i].path.IsEqual(path))  
        {  
            Seek(i);  
            return ReadFile( progress );  
        }  
    }  
  
    return String::GetVoid();  
}
```

then the call will be :

```
s = unzip.ReadFile(path);
```

History

#1 - 04/28/2017 11:58 PM - Zbigniew Rebacz

Why not?

```
for(int i = 0; i < file.GetCount(); i++) {}
```

```
for(const auto& f : file) {}
```

Just small tip :)

#2 - 04/30/2017 01:18 AM - Abdelghani Omari

thanks for the tips, i will consider that in future
but here the index is used in Seek(i)

#3 - 04/30/2017 01:37 AM - Abdelghani Omari

i think we shall add abbreviations for that "fa fca fab fdab" like fi, fj fib ..
fa = for(auto& a: @)
fcab = for(const auto& a: @) {\r\n\t\r\n}

#4 - 05/06/2017 12:09 AM - Abdelghani Omari

- File zip.patch added
- Subject changed from UnZip: allow reading file by path to plugin/Zip/UnZip: interface simplification & a little optimisation
- Description updated
- Priority changed from Low to Normal

#5 - 05/06/2017 04:49 PM - Abdelghani Omari

- File deleted (zip.patch)

#6 - 05/06/2017 04:50 PM - Abdelghani Omari

- File zip.patch added

#7 - 05/14/2017 02:12 PM - Miroslav Fidler

- Status changed from Patch ready to Approved

thanks

#8 - 05/14/2017 03:08 PM - Zbigniew Rebacz

- Target version set to Release 2017.2

Files

zip.patch	1.72 KB	05/06/2017	Abdelghani Omari
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