
Subject: Thelde doesn't detect svn properly
Posted by [Zbych](#) on Sun, 26 May 2013 11:44:34 GMT
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Hi,

I don't know if it is bug or feature, but when Thelde shows this context menu:

and it checks whether package has svn or not, it only scans \$uppsrc and \$MyApp directory. It doesn't check package directory at all. I usually have separate svn for every project and I can not synchronize my projects directly from Thelde.

File Attachments

1) [38.png](#), downloaded 656 times

Subject: Re: Thelde doesn't detect svn properly
Posted by [dolik.rce](#) on Sun, 26 May 2013 16:37:30 GMT
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Zbych wrote on Sun, 26 May 2013 13:44Hi,

I don't know if it is bug or feature, but when Thelde shows this context menu:

and it checks whether package has svn or not, it only scans \$uppsrc and \$MyApp directory. It doesn't check package directory at all. I usually have separate svn for every project and I can not synchronize my projects directly from Thelde.

Hi Zbych,

As far as I can tell, TheIDE does check currently selected package (comments added for clarity):
void Ide::ProjectSvn(Bar& menu)

```
{  
    Vector<String> w = SvnDirs(); // returns paths nests from current assembly, e.g.  
    MyApp and uppsrc  
    String p = GetFileFolder(PackagePath(actualpackage)); // current package folder  
    if(IsSvnDir(p))  
        w.Insert(0, p); // inserts the package folder in the top position in the menu if  
                      // it is inside a SVN working copy  
    for(int i = 0; i < w.GetCount(); i++) // create the actual menu items  
        menu.Add("Synchronize " + w[i], IdeImg::svn_dir(), THISBACK1(SyncSvnDir, w[i]));
```

```
menu.Add("Synchronize everything..", IdeImg::svn(), THISBACK(SyncSvn));
}
```

The IsSvnDir() function also seems to work properly. So, what exactly is the problem? Even in your screenshot I can see the item for syncing MultIOTest (even though it is cropped).

Best regards,
Honza

Subject: Re: Thelde doesn't detect svn properly
Posted by [Zbych](#) on Sun, 26 May 2013 17:11:21 GMT

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Hi Honza,

It is hard to show something invisible, that's why I created fake ".svn" directory in \$MyApps, to show what part of menu is missing

Regarding missing SVN menu, as far as I know Thelde calls SvnDirs().GetCount() every time context menu is opened (in Ide::Project function).

SvnDirs takes list of directories to search from UPP environment variable (GetVar("UPP")) and I don't see main package directory on this list.

I added some logs to Ide::Project, Ide::SvnDirs and GetUppDirs.

```
Vector<String> GetUppDirs() {
    RLOG("UPP VAR = " + GetVar("UPP"));
    return SplitDirs(GetVar("UPP"));
}
```

```
Vector<String> Ide::SvnDirs()
{
    Vector<String> d = GetUppDirs();
    Vector<String> r;
    for(int i = 0; i < d.GetCount(); i++){
        RLOG("Checking " + d[i]);
        if(IsSvnDir(d[i])){
            RLOG("SVNDIR: " + d[i]);
            r.Add(d[i]);
        }else{
            RLOG("NOT SVNDIR: " + d[i]);
        }
    }
    return r;
}
```

Part of Ide::Project:

```
RLOG("----- SVN -----");
int c = SvnDirs().GetCount();
RLOG(Format("Found %d svn dirs", c));
if(c){
    if(menu.IsMenuBar())
        menu.Add("SVN", THISBACK(ProjectSvn));
    else
        menu.Add("SVN Synchronize everything..", IdeImg::svn(), THISBACK(SyncSvn));
}
```

----- SVN -----

```
UPP VAR = /media/1A1890EB1890C763/workspace;/home/zbych/upp/uppsrc;
Checking /media/1A1890EB1890C763/workspace
Directory '/media/1A1890EB1890C763/workspace/.svn' doesn't exist
NOT SVNDIR: /media/1A1890EB1890C763/workspace
Checking /home/zbych/upp/uppsrc
Directory '/home/zbych/upp/uppsrc/.svn' doesn't exist
NOT SVNDIR: /home/zbych/upp/uppsrc
Found 0 svn dirs
```

As you can see number of returned SVNs is 0 although there is ".svn" in the main package directory.

Subject: Re: Thelde doesn't detect svn properly

Posted by [dolik.rce](#) on Mon, 27 May 2013 06:18:56 GMT

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Zbych wrote on Sun, 26 May 2013 19:11It is hard to show something invisible, that's why I created fake ".svn" directory in \$MyApps, to show what part of menu is missing Well, that explains my confusion

Zbych wrote on Sun, 26 May 2013 19:11Regarding missing SVN menu, as far as I know Thelde calls SvnDirs().GetCount() every time context menu is opened (in Ide::Project function). Ok, now I see the problem, this sentence opened my eyes It should be simple to fix. Can you try the attached patch please? It works fine for me, but I haven't tested it with your use-case... If it works well, I will commit it.

Honza

File Attachments

1) [svn.patch](#), downloaded 321 times

Subject: Re: Thelde doesn't detect svn properly

Posted by [Zbych](#) on Mon, 27 May 2013 07:32:19 GMT

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Hi Honza,

Your patch works. Thank you.

I modified it a little bit to avoid double verification of package directory and Ide::SvnDirs looks like this:

```
Vector<String> Ide::SvnDirs()
{
    Vector<String> d = GetUppDirs();
    d.Insert(0, GetFileFolder(PackagePath(actualpackage)));

    Vector<String> r;
    for(int i = 0; i < d.GetCount(); i++)
        if(IsSvnDir(d[i]))
            r.Add(d[i]);
    return r;
}
```

Subject: Re: Thelde doesn't detect svn properly

Posted by [dolik.rce](#) on Mon, 27 May 2013 10:20:19 GMT

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Zbych wrote on Mon, 27 May 2013 09:32I modified it a little bit to avoid double verification of package directory

Thank you for the correction. It is committed now (rev 6114).

Honza

Subject: Re: Thelde doesn't detect svn properly

Posted by [Zbych](#) on Mon, 27 May 2013 18:02:59 GMT

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Thank you.

Subject: Re: Thelde doesn't detect svn properly
Posted by [mirek](#) on Tue, 28 May 2013 07:57:56 GMT

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Patch is wrong for "Synchronize everything" - in my mode of operation, I now have current package in the list twice (once as part of nest, then alone).

Reverting, adding to RM...

Mirek

Subject: Re: Thelde doesn't detect svn properly
Posted by [dolik.rce](#) on Tue, 28 May 2013 10:06:28 GMT

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mirek wrote on Tue, 28 May 2013 09:57Patch is wrong for "Synchronize everything" - in my mode of operation, I now have current package in the list twice (once as part of nest, then alone).

Reverting, adding to RM...

Mirek

Sorry about that... I'll try to find out better solution.

Weird think is that I didn't notice the problem with "the nest is a working copy" mode. Is there anything special about your directory and svn organization?

Honza
