

# Determining VCS repository and...

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[Nik Krishna](#) 7 posts since

Jul 28, 2008

Hi, could someone please point me to the correct API (doc or code) for determining information about the version control system that is managing a file? For example, if a file is managed by subversion, I want to be able to programmatically determine the subversion repo this file was checked out from, and the username and password that was used. I think IntelliJ must have this information, whether it gets it from the subversion configuration directory or by prompting the user. I understand that VCS settings are per module. I'm just wondering if there's any way to get this information through the Open API.

Thanks!



[Nik Krishna](#) 7 posts since

Jul 28, 2008 1. **Re: Determining VCS repository and credentials** Jan 6, 2010 1:10 AM

Hi, I never got an answer to this. If anybody can help it would be greatly appreciated. Thanks!



[Dmitry Jemerov](#) 11,708 posts since

Aug 19, 2002 2. **Re: Determining VCS repository and credentials** Jan 7, 2010 2:28 PM

Hello Nik,

Hi, could someone please point me to the correct API (doc or code) for determining information about the version control system that is managing a file? For example, if a file is managed by subversion, I want to be able to programmatically determine the subversion repo this file was checked out from, and the username and password that was

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To get the versioning VCS, you can use  
`ProjectLevelVcsManager.getInstance(project).getVcsFor(file)`.

For anything more specific, there is no general VCS-independent API. You can look at the sources of the Subversion plugin (for example, the `SvnFileUrlMapping` class) to see how it manages that.

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Dmitry Jemerov

Development Lead

JetBrains, Inc.

<http://www.jetbrains.com/>

"Develop with Pleasure!"



**Nik Krishna** 7 posts since

Jul 28, 2008 3. **Re: Determining VCS repository and credentials** Jan 10, 2010 8:26 PM

Thanks once again, Dmitry. This was the info I needed.

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