



Welcome to the Tcl Developer Xchange!

*Join the many thousands of software developers who are already more productive with help from the **Tcl programming language** and the **Tk graphical user interface toolkit**.*

Tcl (Tool Command Language) is a very powerful but easy to learn dynamic programming language, suitable for a very wide range of uses, including web and desktop applications, networking, administration, testing and many more. Open source and business-friendly, Tcl is a mature yet evolving language that is truly cross platform, easily deployed and highly extensible.

Tk is a graphical user interface toolkit that takes developing desktop applications to a higher level than conventional approaches. Tk is the standard GUI not only for Tcl, but for many other dynamic languages, and can produce rich, native applications that run unchanged across Windows, Mac OS X, Linux and more.

Tcl Conference News

The [16th Annual Tcl/Tk Conference](#) is planned for Sept 28 - Oct 2 in Portland, OR.

The [8th European Tcl/Tk Meeting](#) is set for June 5-6, 2009 in Strasbourg, France.

The [15th Annual Tcl/Tk Conference](#) took place October 20-24, 2008 near Washington, D.C.

The [7th European Tcl/Tk Meeting](#) was June 6-7, 2008 in Strasbourg, France.

[Older conference info](#)

Latest Software Releases

[Tcl/Tk 8.5.6](#) Dec 23, 2008
[Tcl/Tk 8.6b1](#) Dec 23, 2008
[Tcl/Tk 8.4.19](#) Apr 18, 2008
[Download Tcl/Tk](#)

[Tcl Dev Kit 5.0.1](#) Nov 18, 2008

[ActiveTcl 8.6.0b1](#) Feb, 2009
[ActiveTcl 8.5.6.0](#) Jan, 2009
[ActiveTcl 8.4.19.1](#) Sept, 2008

[Tklib 0.5](#) Jan 26, 2009





ActiveState

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- SOFTWARE
- CORE DEVELOPMENT
- COMMUNITY
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TCL/TK SOFTWARE



This page will help you obtain Tcl/Tk for your computer. There are many ways to do this; we'll outline the most popular choices.

Tcl and Tk are available on a wide variety of [platforms](#), including Windows, Mac, and essentially all flavors of Unix (Linux, Solaris, IRIX, AIX, *BSD*, etc.).

Tcl/Tk is open source (based on a BSD-style license), so you can use it and modify it virtually any way you want, including for commercial uses. Here is the [Tcl source distribution license](#), but be sure to check the license for any particular distribution you use.

Other Software: We also catalog a small set of [other related software](#).

The "Batteries Included" ActiveTcl Distribution

By far the easiest way to get Tcl/Tk installed is via ActiveState's free ActiveTcl distribution, which includes precompiled versions of not only the core Tcl and Tk, but dozens of the most popular extensions, to provide you with a rich set of Tcl development tools with a single software installation. Versions are available for AIX, HP-UX, Linux, Mac OS X, Solaris, and Windows.

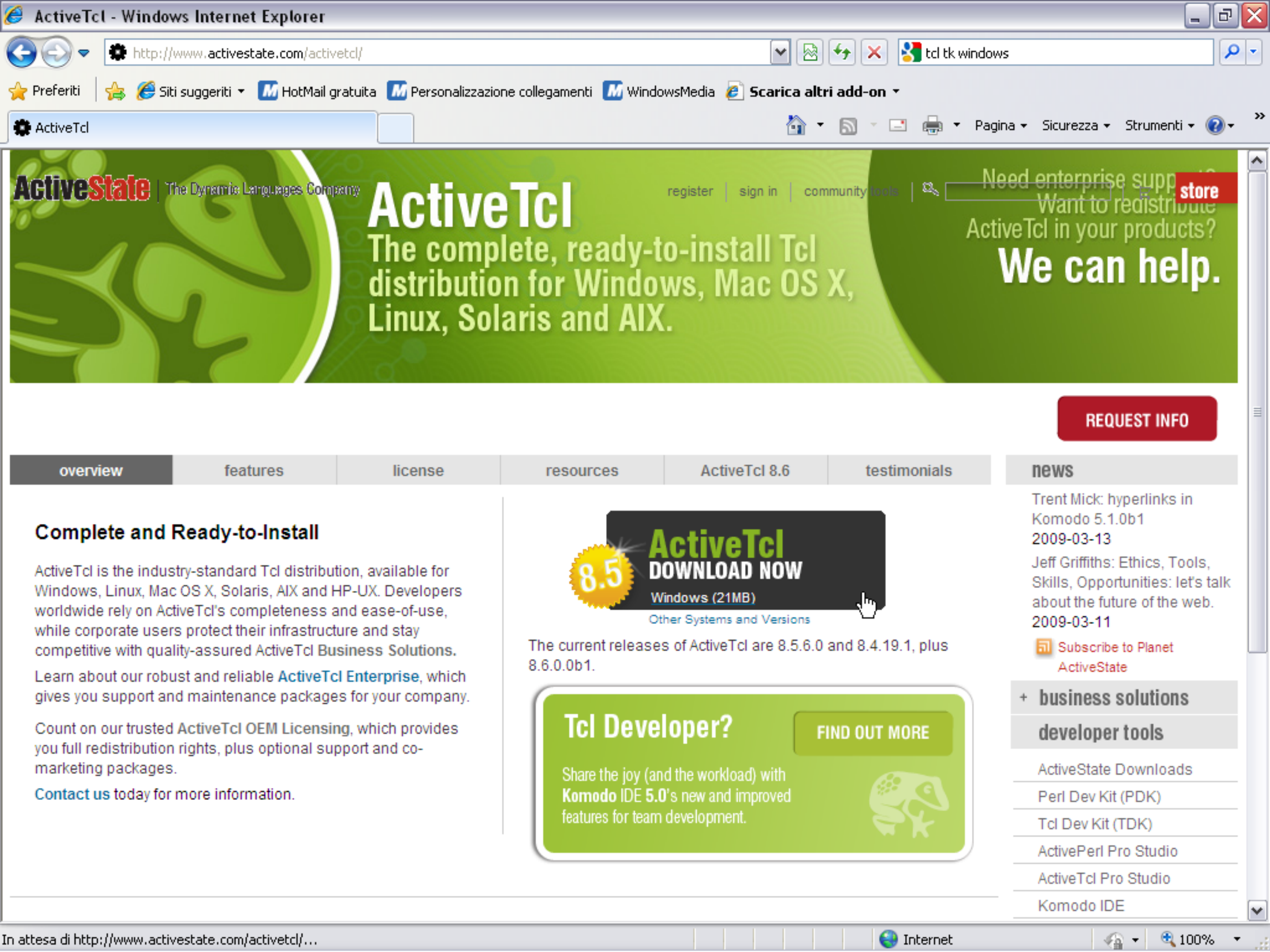
► [Visit ActiveState's ActiveTcl page](#)

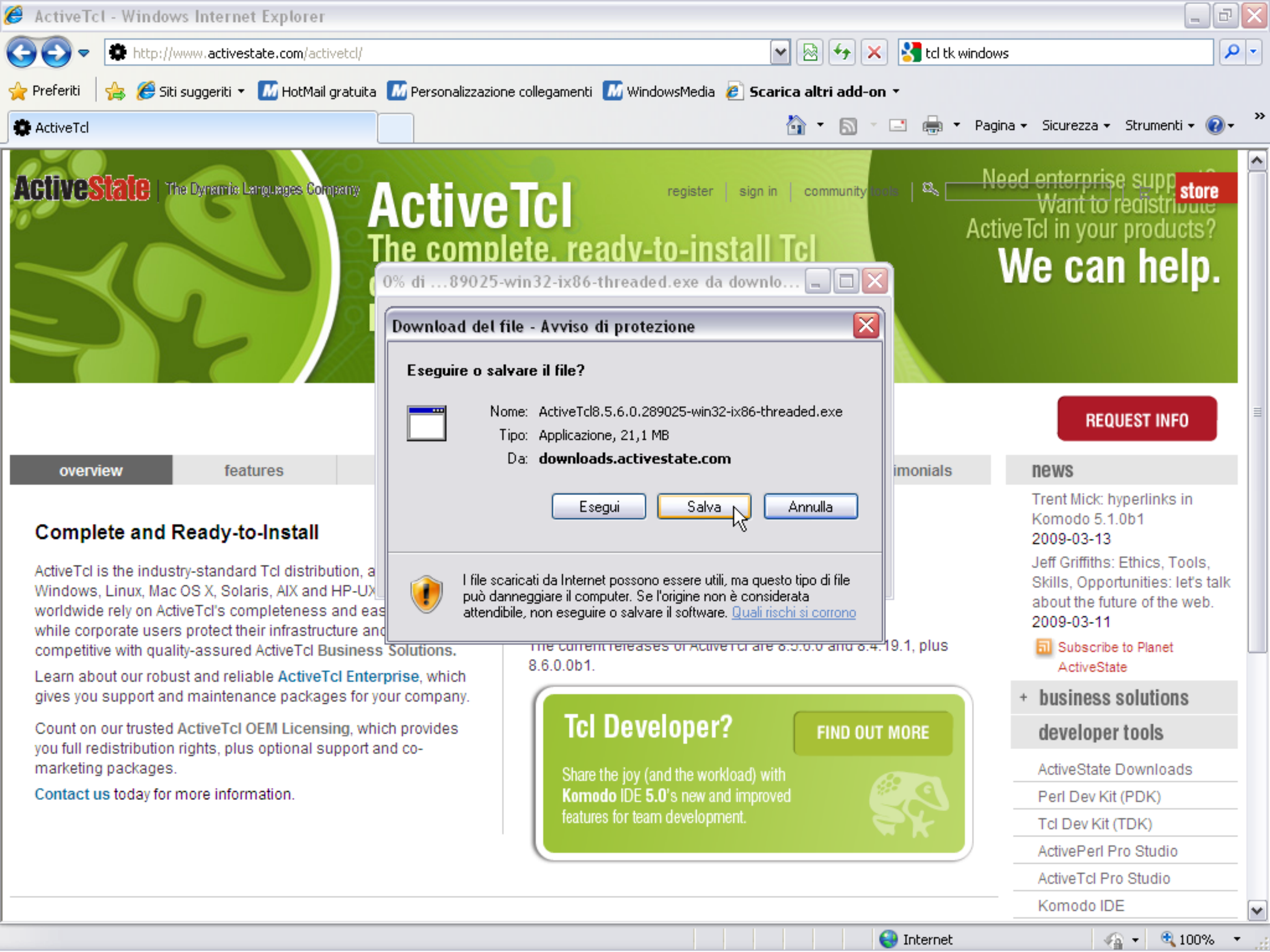
The Tcl/Tk Source Code Distributions

You can easily compile your own versions of Tcl and Tk from these source code distributions. Tcl/Tk 8.5 is the current stable version

Tcl/Tk Software

[Pick Your Version](#)
[Tcl 8.5](#)
[Tcl 8.6](#)
[Download Sources](#)
[TEA](#)
[tcllib](#)
[Tcl Browser Plugin](#)
[Tcl/Java Integration](#)





ActiveTcl is the industry-standard Tcl distribution, and Windows, Linux, Mac OS X, Solaris, AIX and HP-UX worldwide rely on ActiveTcl's completeness and ease of use. While corporate users protect their infrastructure and competitive with quality-assured ActiveTcl Business.

Count on our trusted ActiveTcl OEM Licensing, which provides you full redistribution rights, plus optional support and co-marketing packages.


Contact us today for more information.

A green rounded rectangle containing the text "Tcl Developer?" in large white font, "Share the joy (and the workload) with Komodo IDE 5.0's new and improved features for team development." in smaller white font, a "FIND OUT MORE" button, and a Komodo dragon logo.

news

Trent Mick: [hyperlinks in Komodo 5.1.0b1](#)
2009-03-13

Jeff Griffiths: Ethics, Tools, Skills, Opportunities: let's talk about the future of the web.
2009-03-11

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ActiveState Downloads

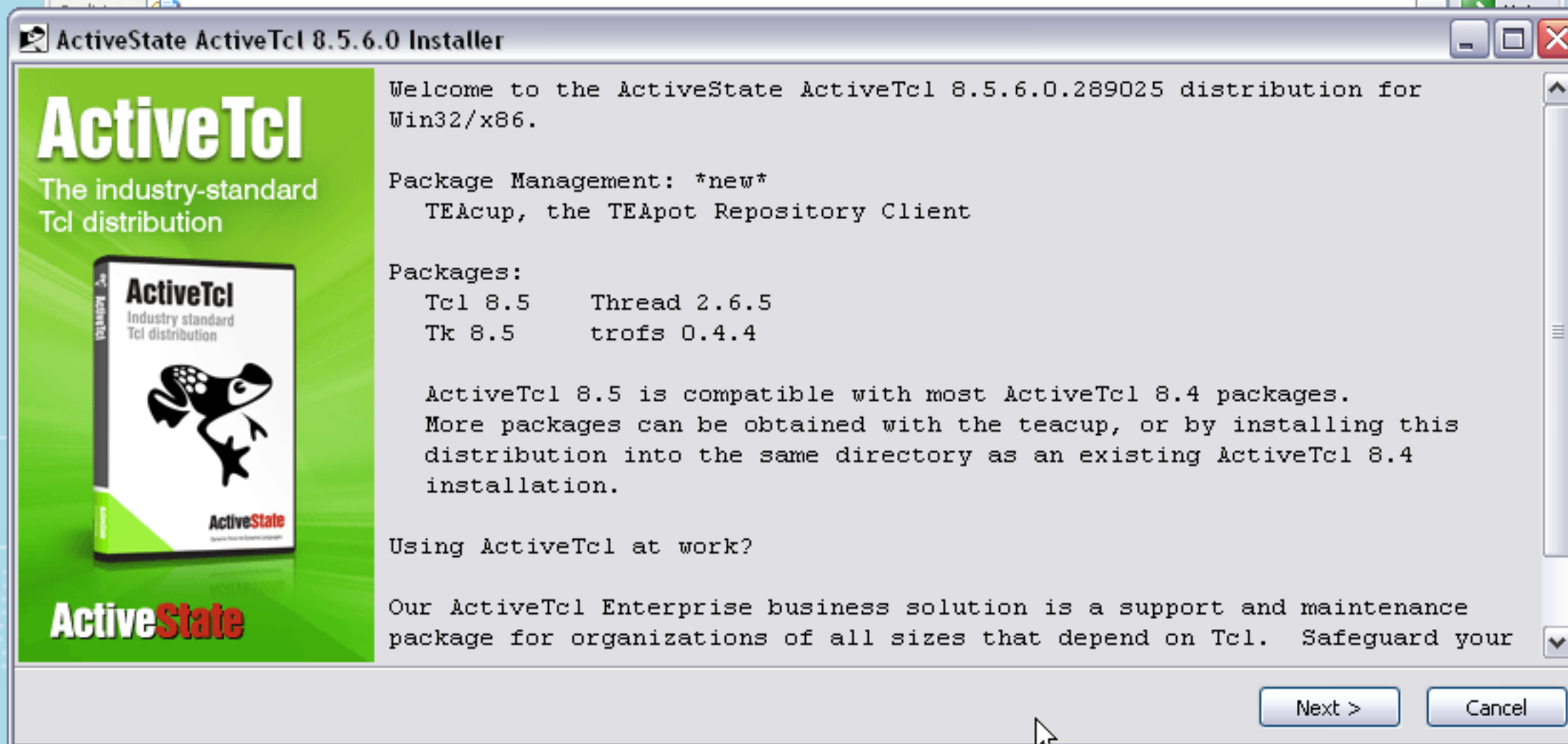
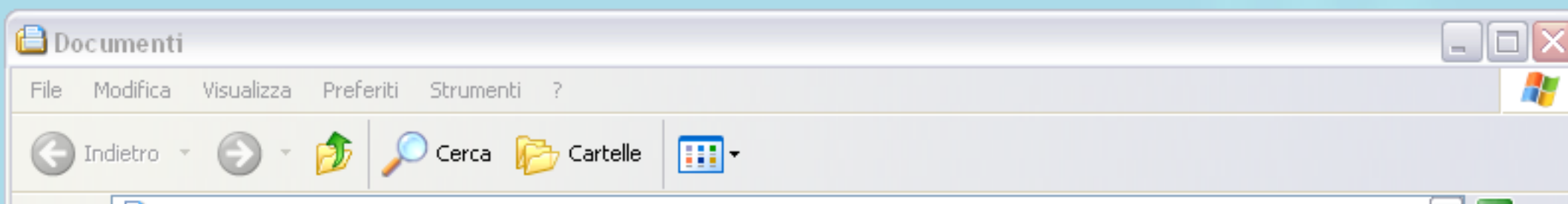
Perl Dev Kit (PDK)

Tcl Dev Kit (TDK)

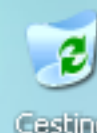
ActivePerl Pro Studio

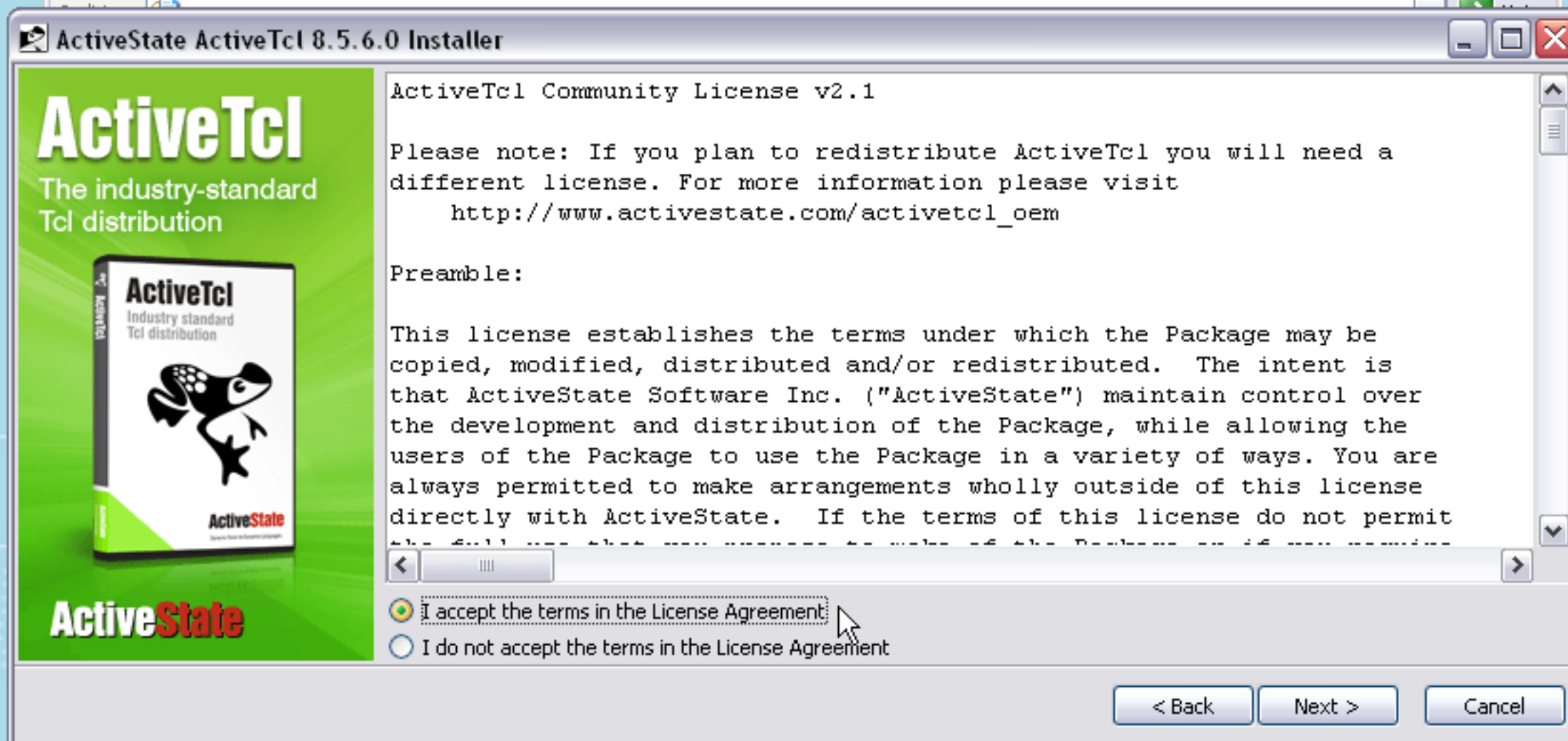
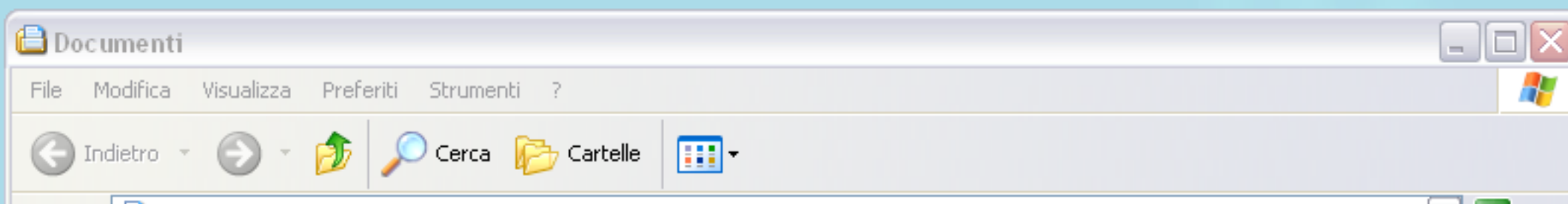
ActiveTcl Pro Studio

Komodo IDE



Descrizione: ActiveState Basekit Società: ActiveState Software Inc. Versione file: 8.5.2.6 Data creazione: 23/0 21,1 MB | Risorse del computer



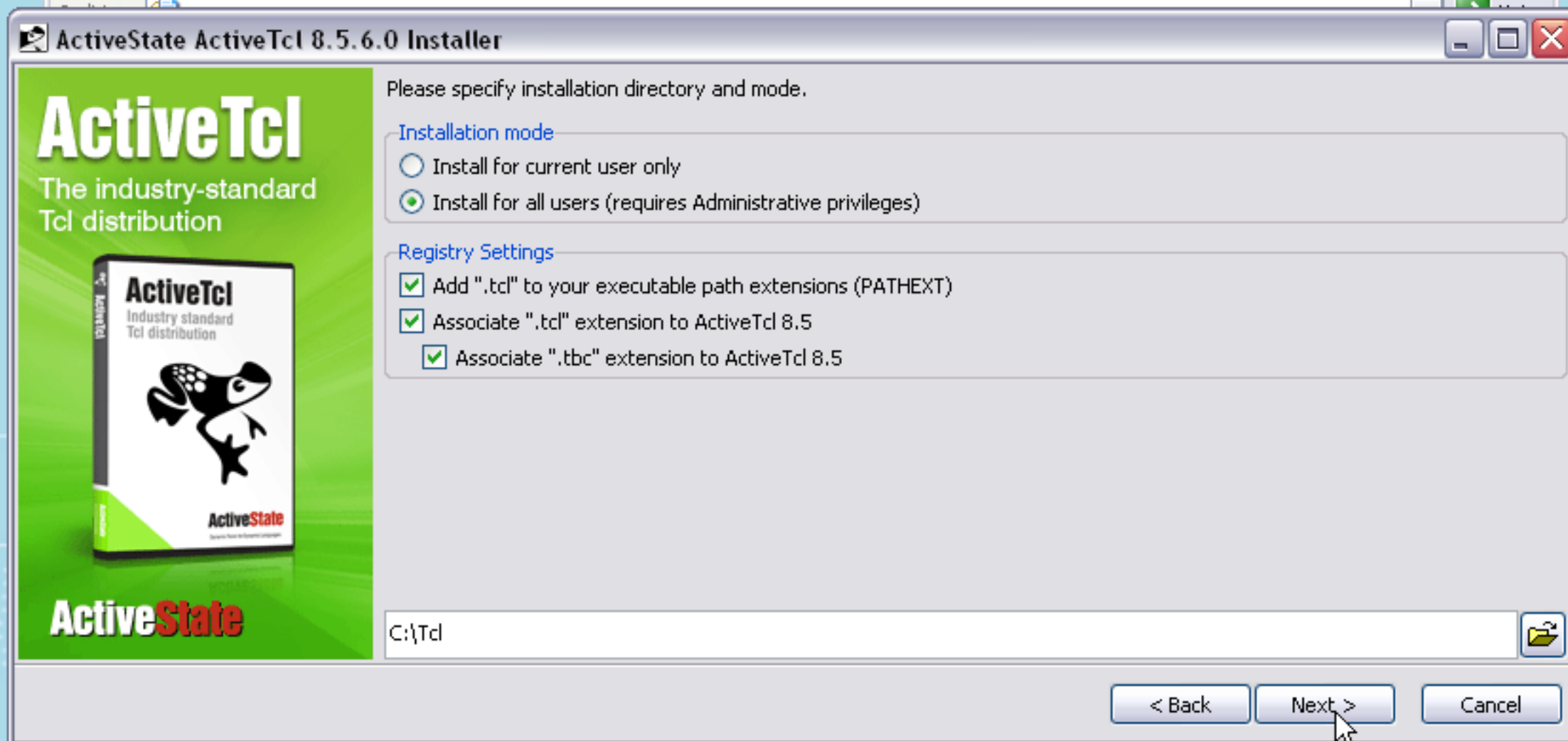
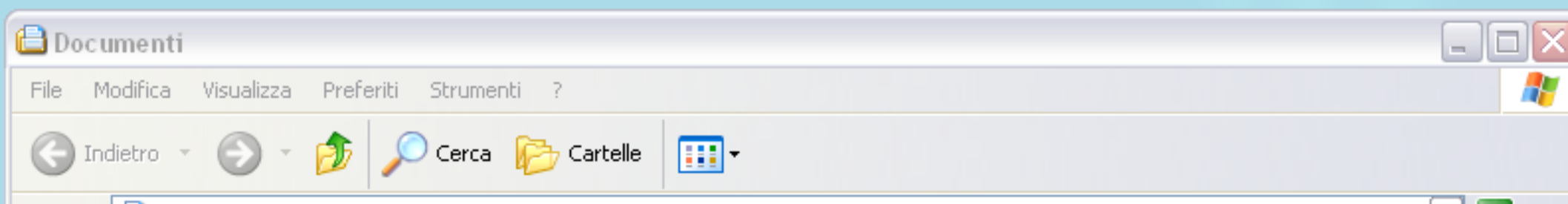


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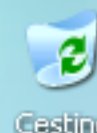


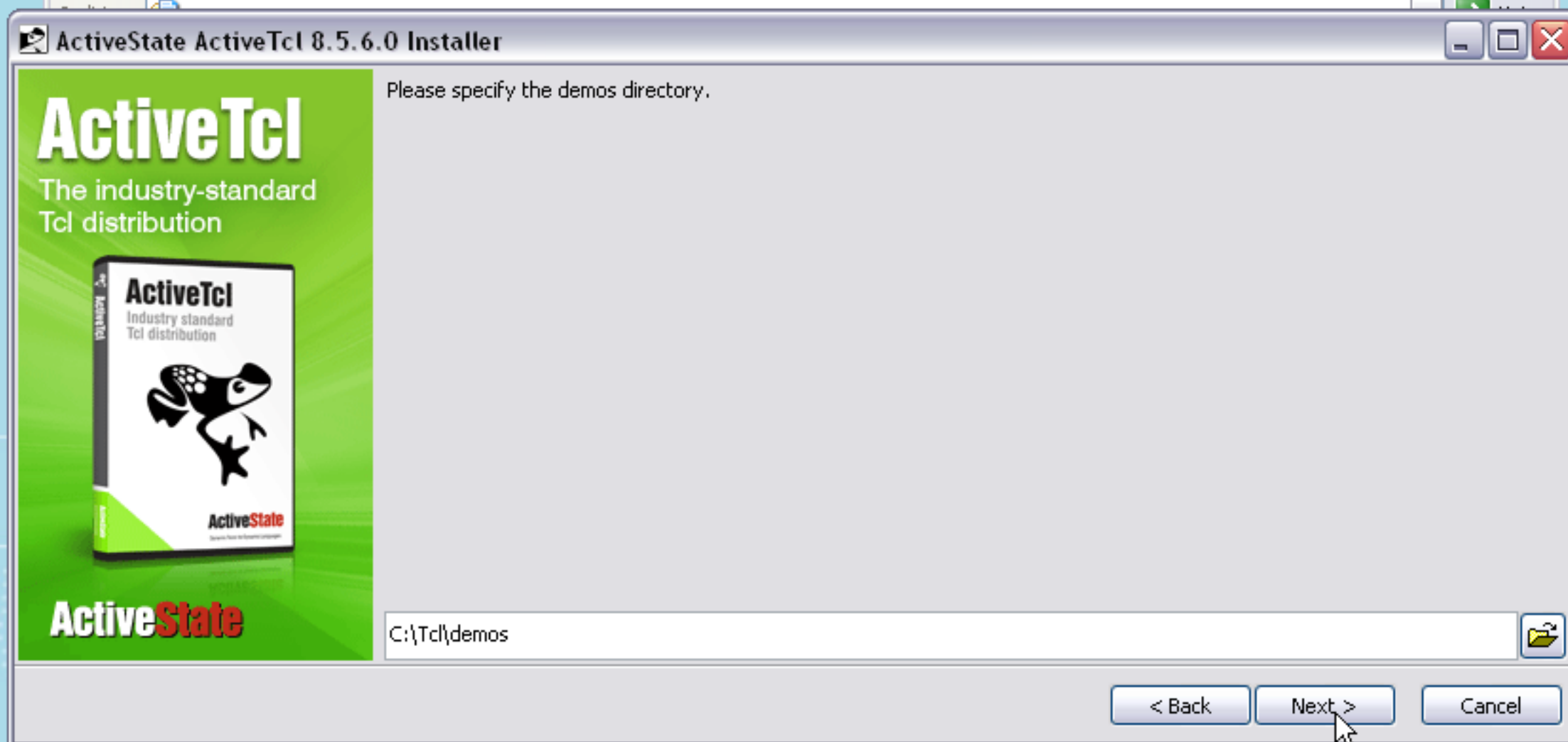
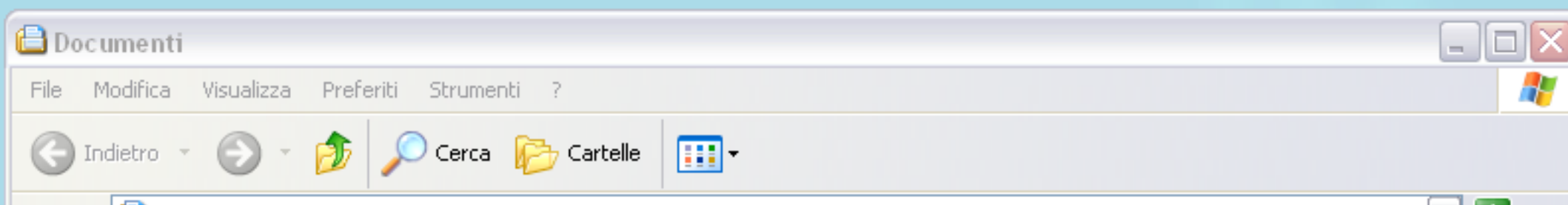
Risorse del computer



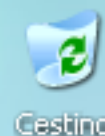


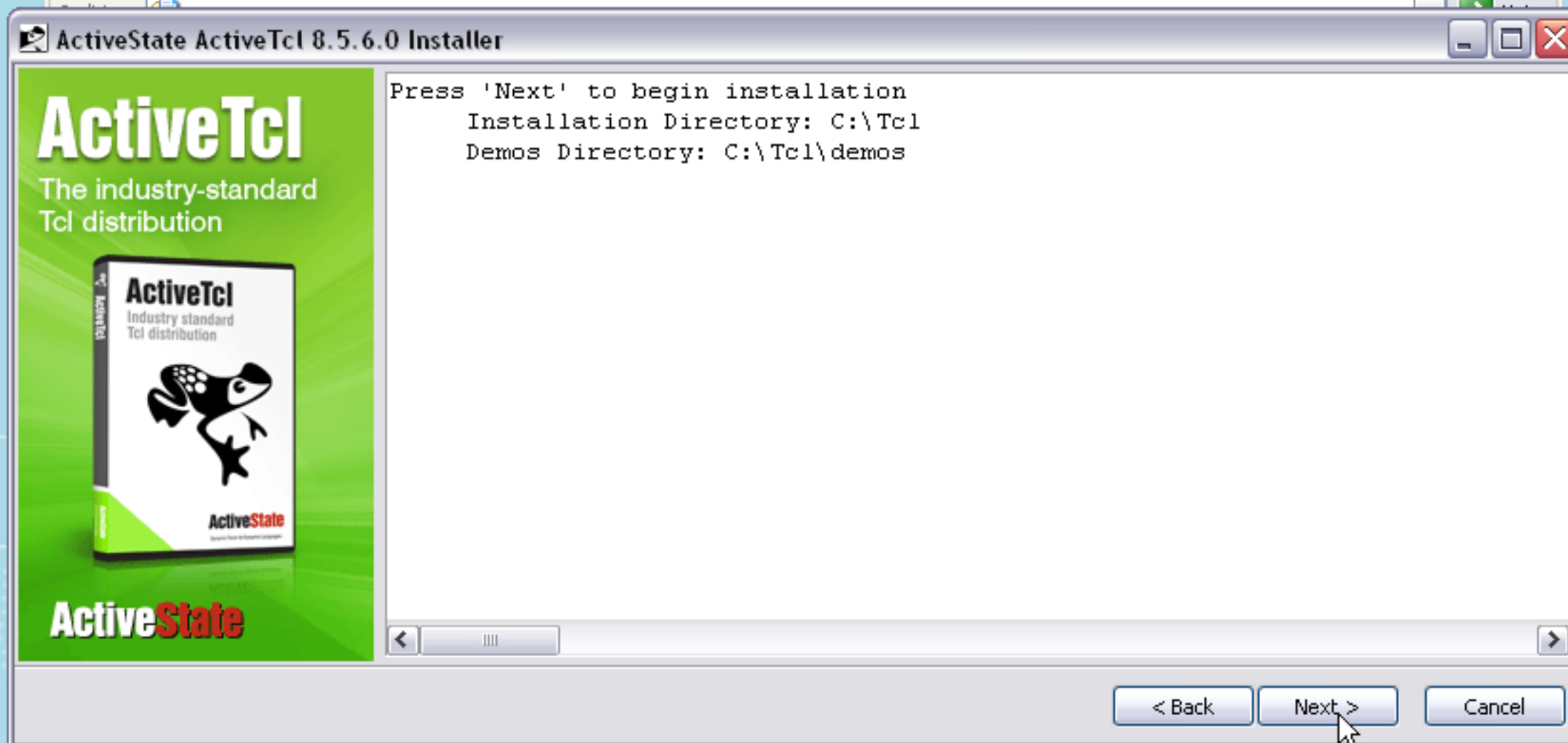
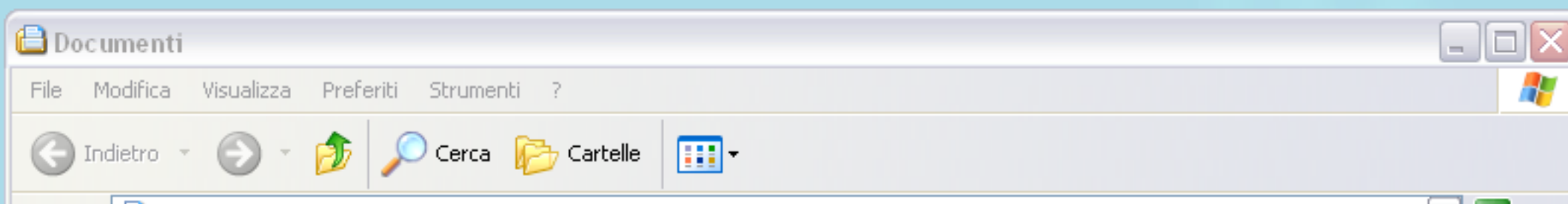
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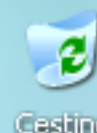


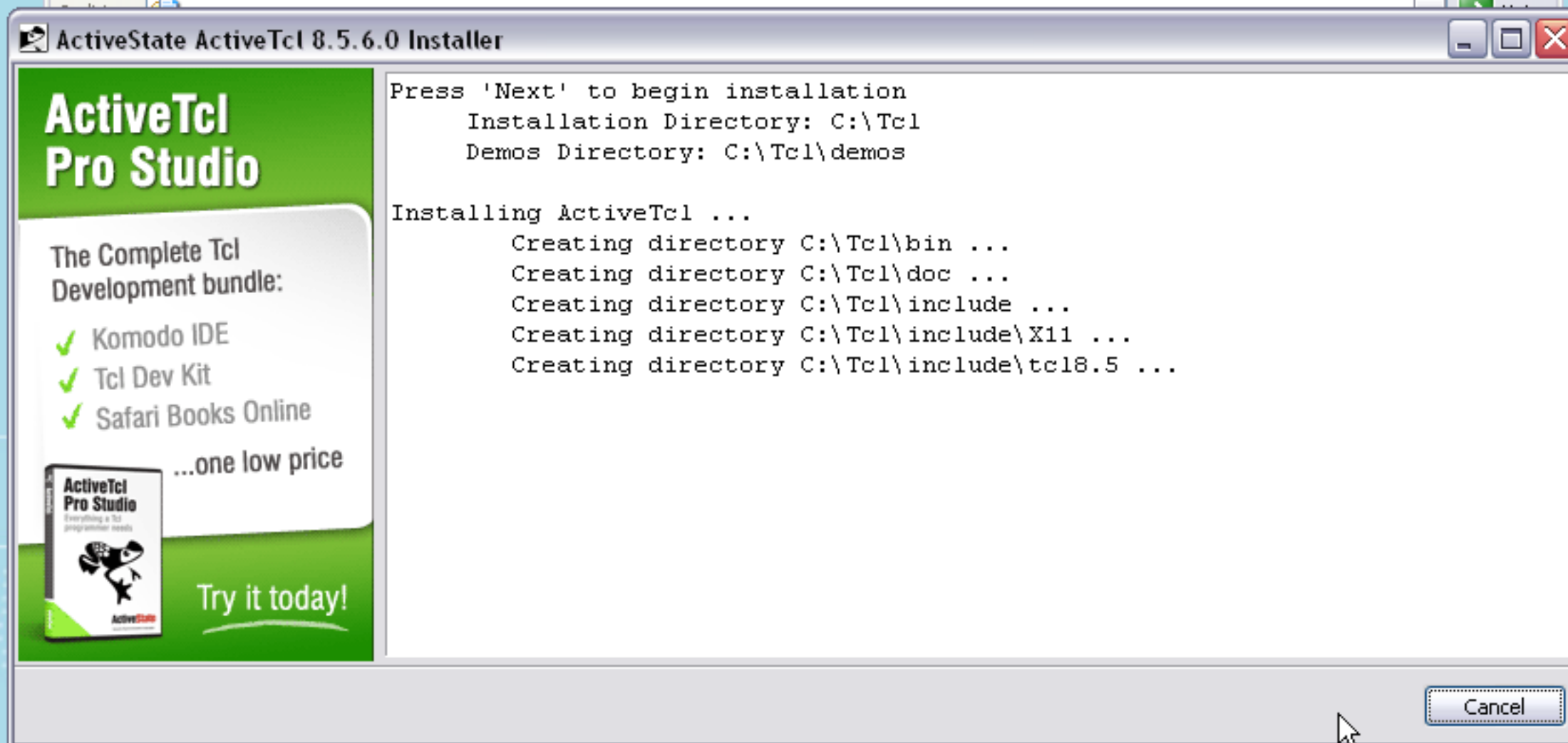
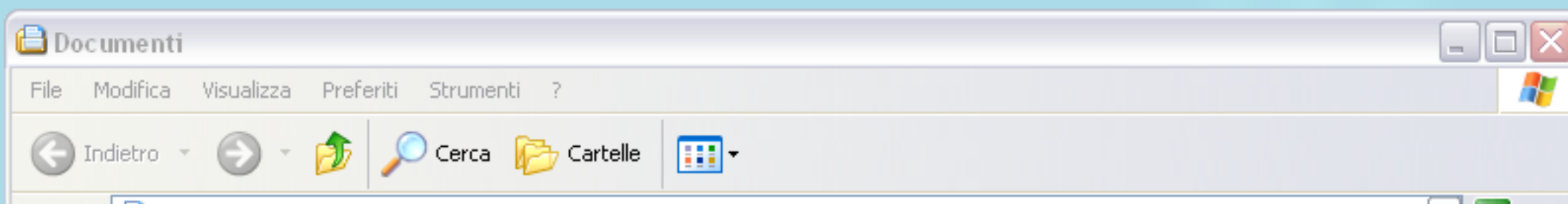
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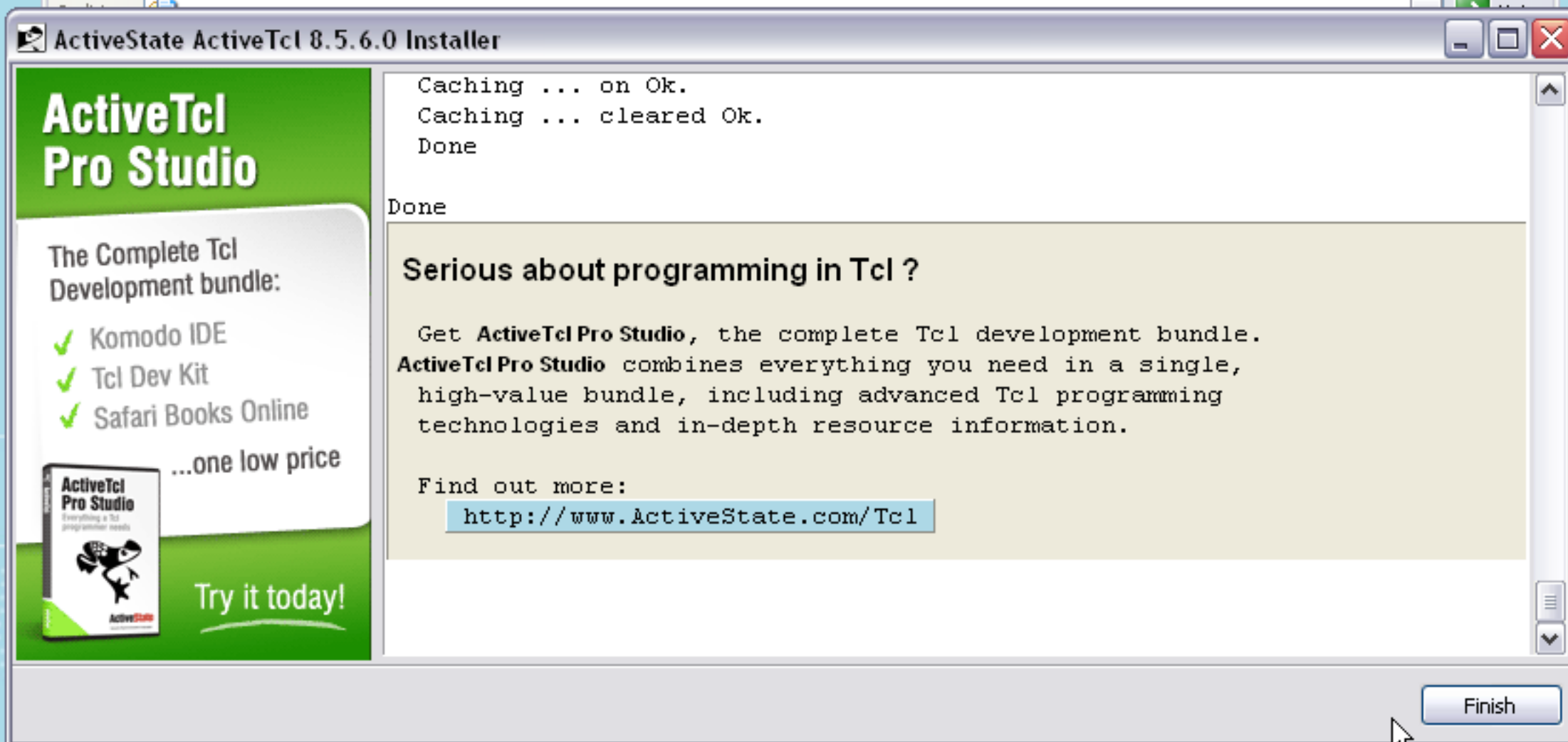
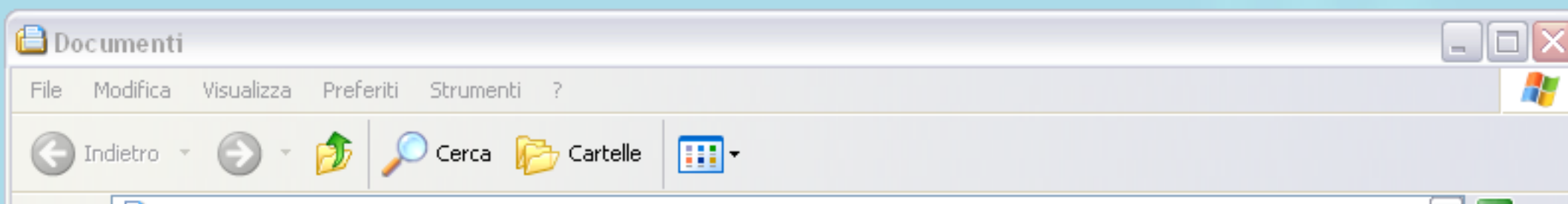
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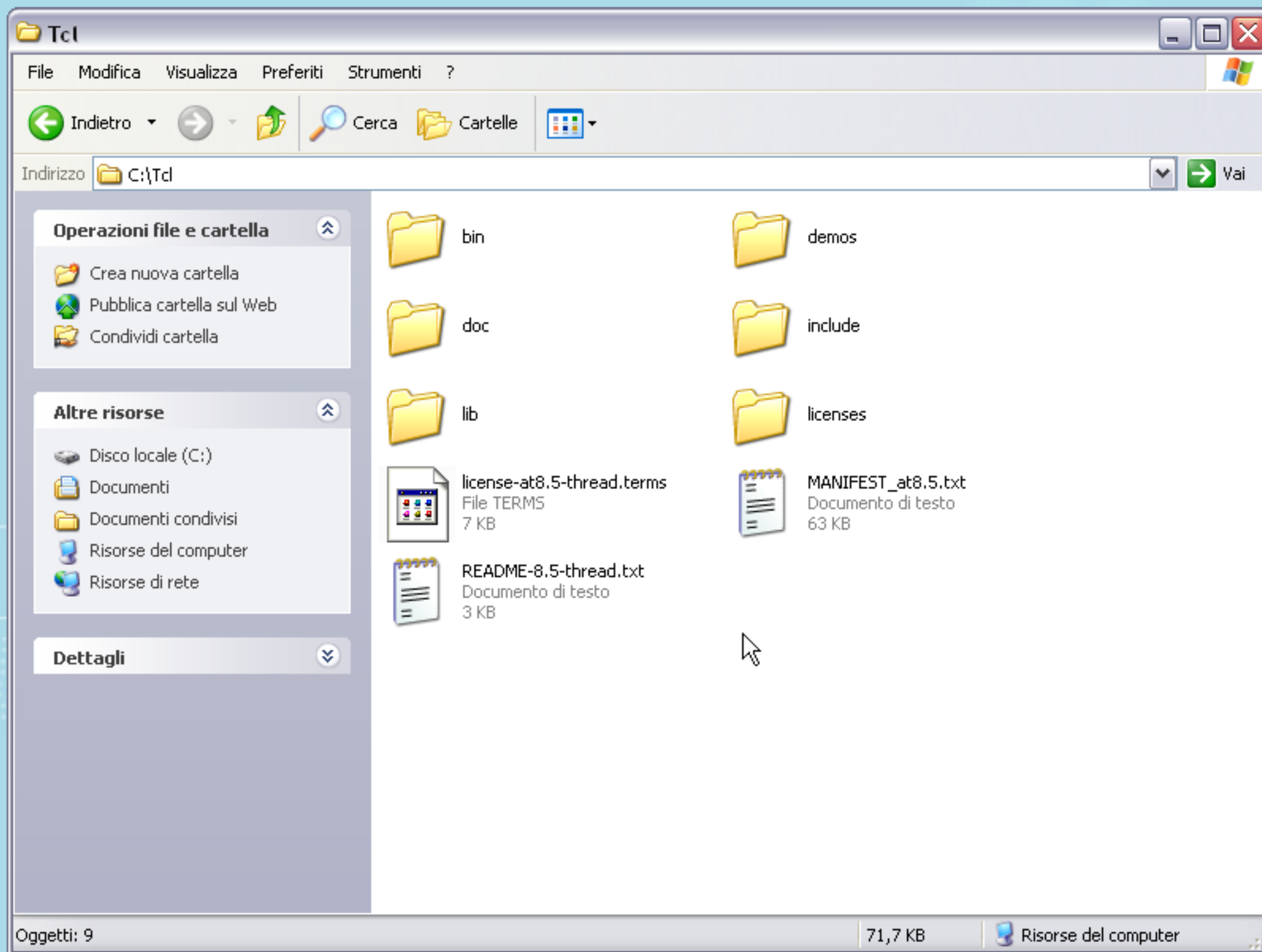


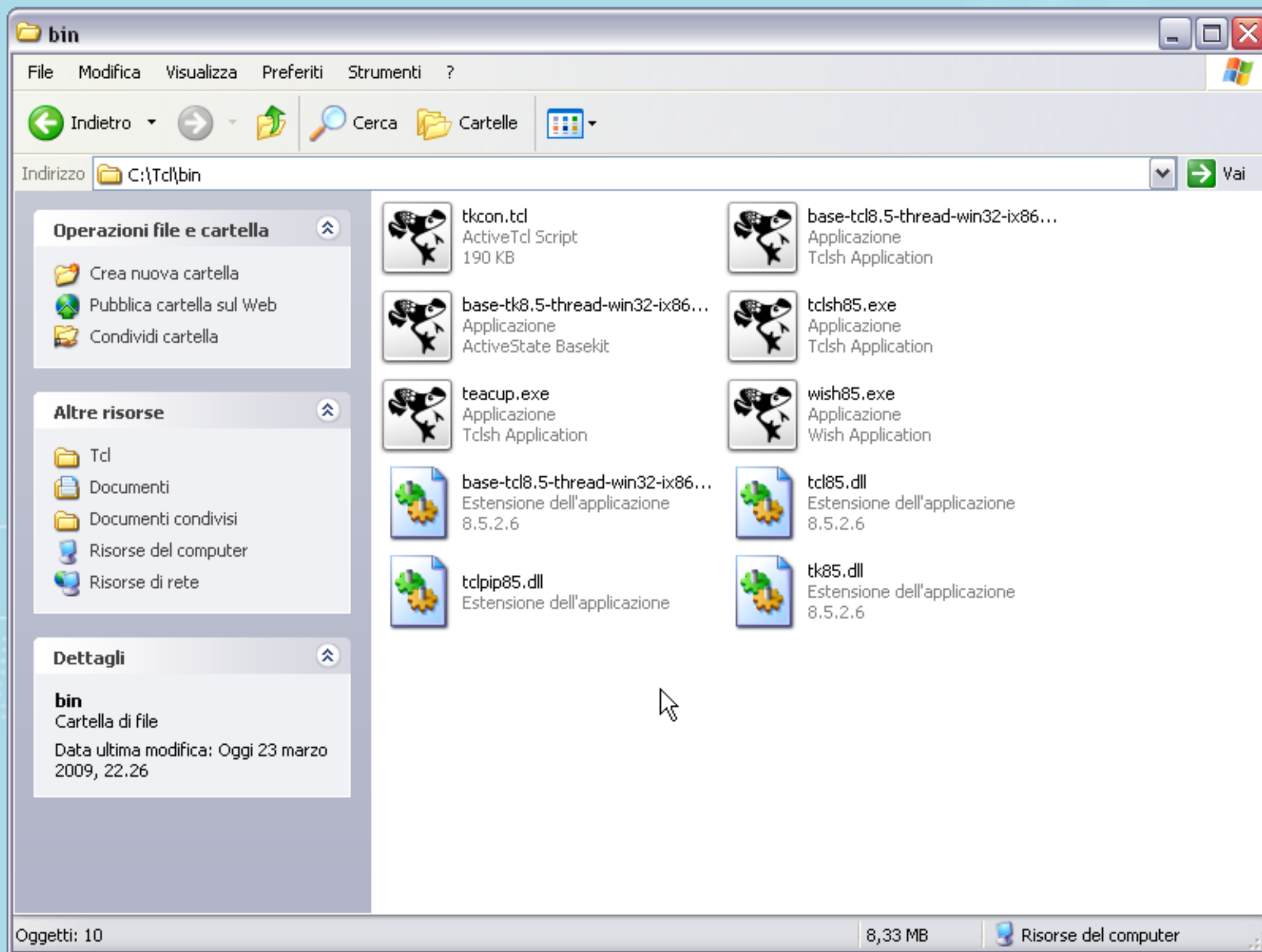


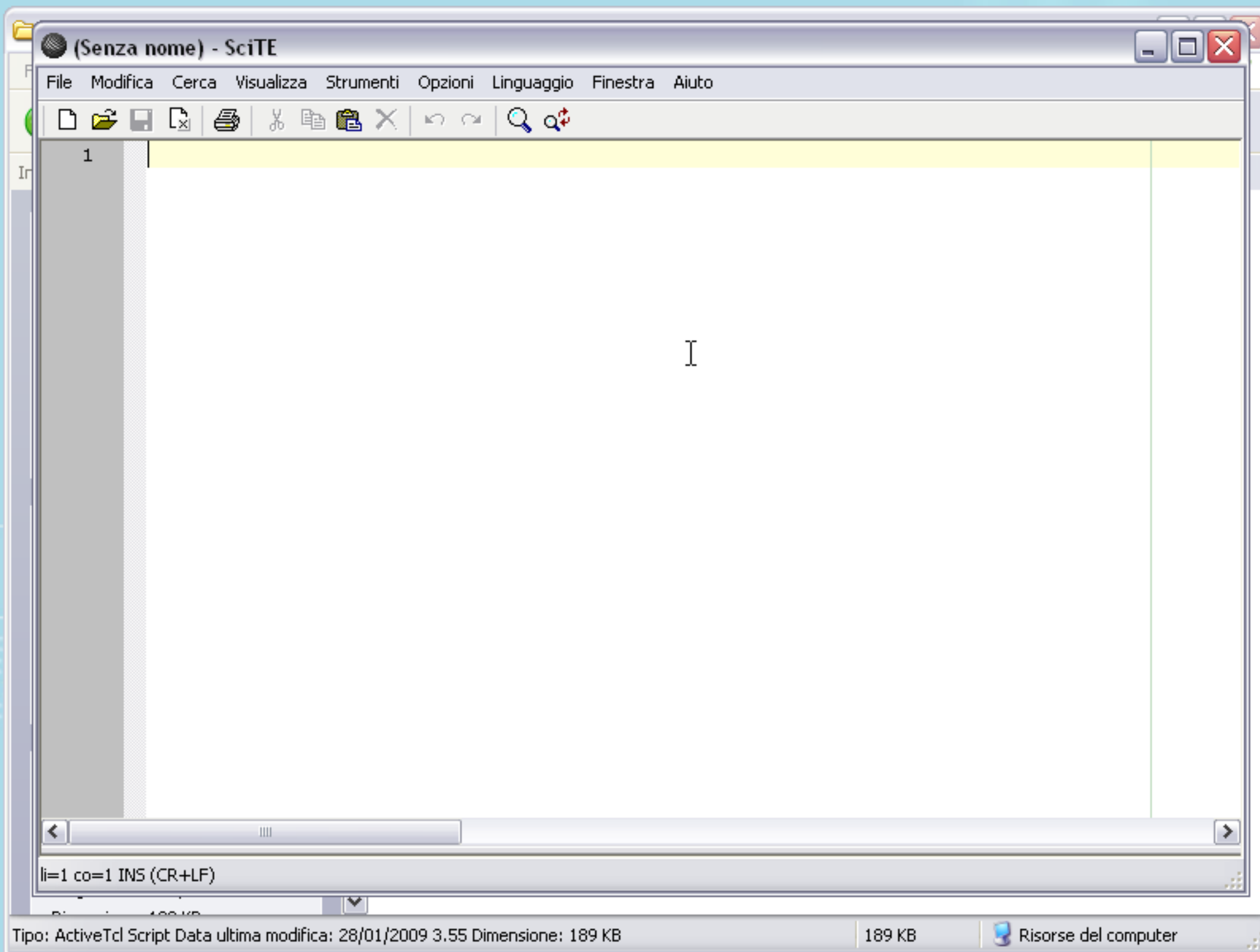
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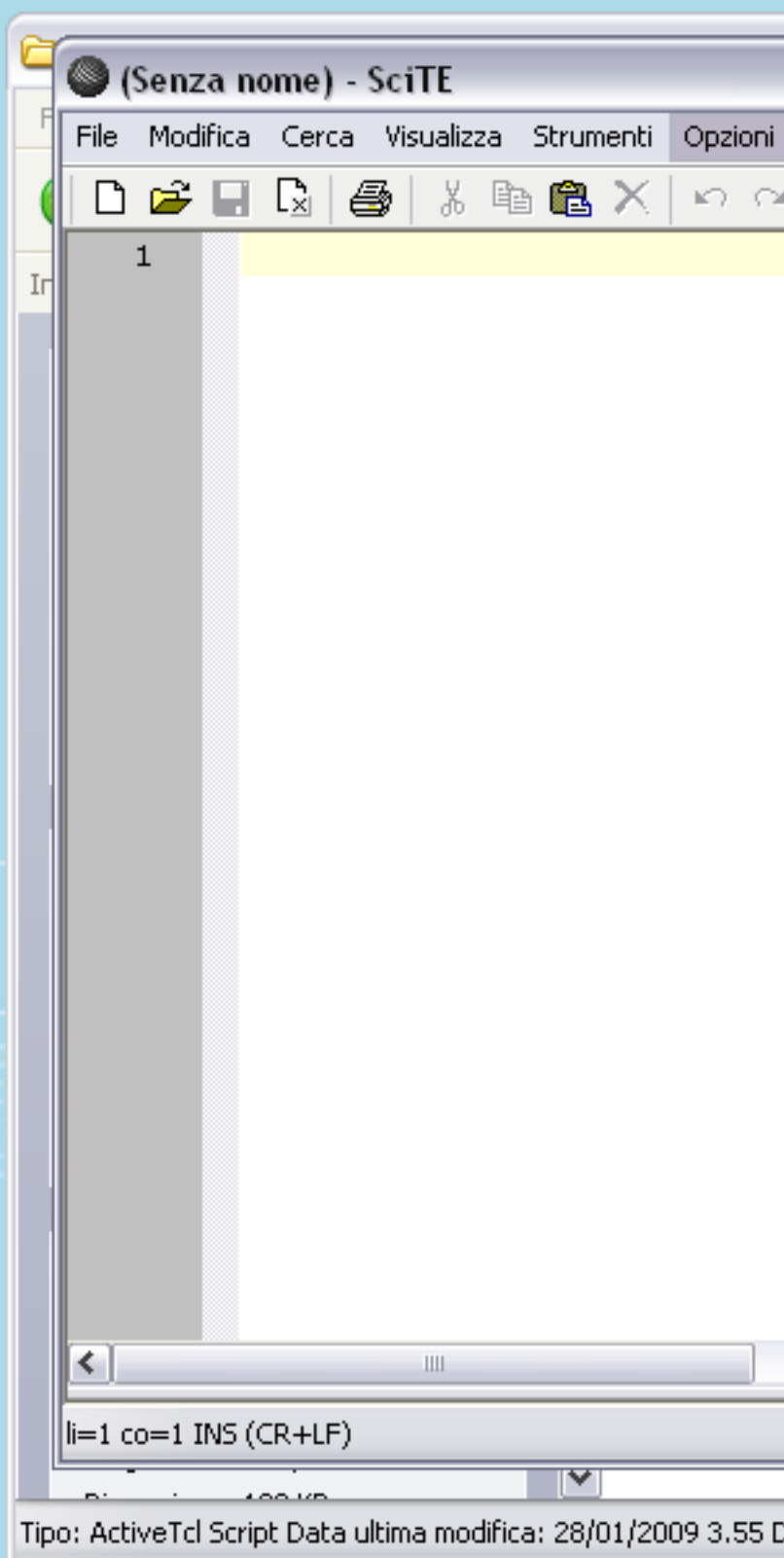
Risorse del computer





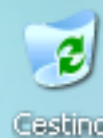
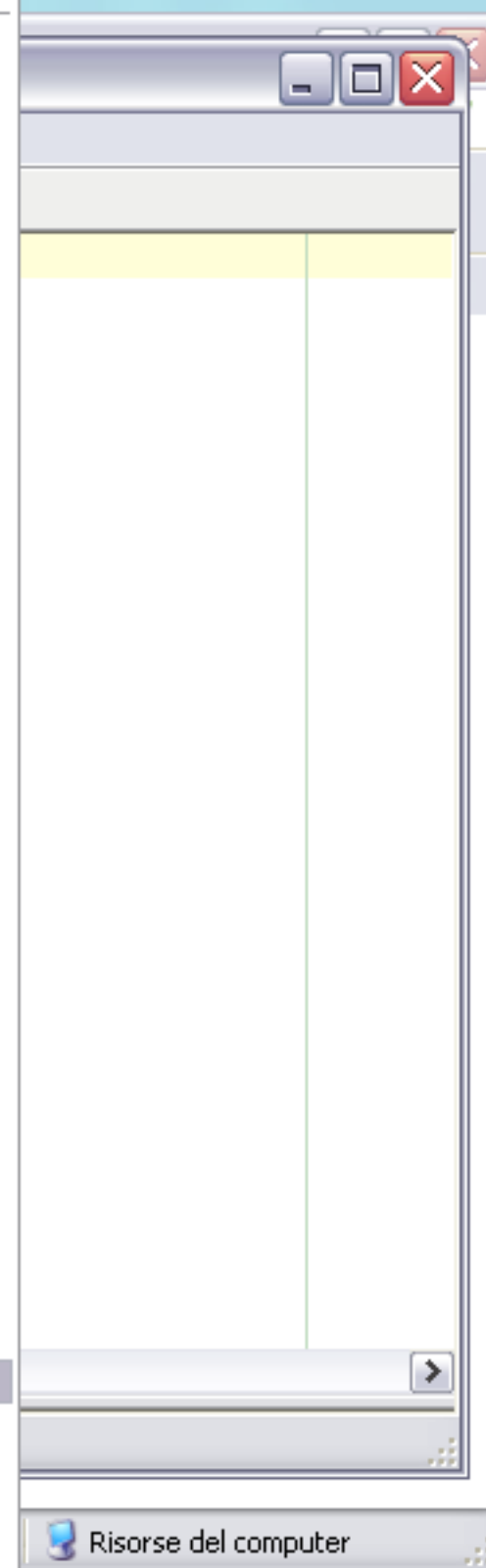






▲ Apri Lua Startup Script

Apri ada.properties
Apri asm.properties
Apri ave.properties
Apri baan.properties
Apri caml.properties
Apri conf.properties
Apri cpp.properties
Apri css.properties
Apri eiffel.properties
Apri erlang.properties
Apri escript.properties
Apri fortran.properties
Apri phpfunctions.properties
Apri html.properties
Apri inno.properties
Apri lisp.properties
Apri lot.properties
Apri lua.properties
Apri matlab.properties
Apri metapost.properties
Apri mmixal.properties
Apri nsis.properties
Apri others.properties
Apri pascal.properties
Apri perl.properties
Apri pov.properties
Apri ps.properties
Apri python.properties
Apri ruby.properties
Apri sql.properties
Apri tcl.properties
Apri tex.properties
Apri vb.properties
Apri yaml.properties
Apri alisp.properties
Apri adcl.properties
Apri euphoria.properties
Apri loctools-en.properties
Apri loctools.properties
Apri tools.properties





C:\Programmi\RSciTE\tcl.properties - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 # Define SciTE settings for tcl and itcl files.
2
3 file.patterns.tcl=*.tcl;*.exp
4 file.patterns.itcl=*.itcl
5 file.patterns.tcl.like=\${file.patterns.tcl};\${file.patterns.itcl};
6
7 filter.tcl=Tcl (tcl)|\${file.patterns.tcl}|
8 filter.itcl=itcl (itcl)|\${file.patterns.itcl}|
9
10 lexer.\${file.patterns.tcl}=tcl
11 lexer.\${file.patterns.itcl}=tcl
12
13 keywordclass.tcl=after append array auto_execok \
14 auto_import auto_load auto_load_index auto_qualify \
15 beep bgerror binary break case catch cd clock \
16 close concat continue dde default echo else elseif \
17 encoding eof error eval exec exit expr fblocked \
18 fconfigure fcopy file fileevent flush for foreach format \
19 gets glob global history http if incr info \
20 interp join lappend lindex linsert list llength load \
21 loadTk lrange lreplace lsearch lset lsort memory msgcat \
22 namespace open package pid pkg::create pkg_mkIndex Platform-specific proc \
23 puts pwd re_syntax read regexp registry regsub rename \
24 resource return scan seek set socket source split \
25 string subst switch tclLog tclMacPkgSearch tclPkgSetup tclPkgUnknown tell \
26 time trace unknown unset update uplevel upvar variable \
27 vwait while

li=1 co=1 INS (CR+LF)

Tipo: ActiveTcl Script Data ultima modifica: 28/01/2009 3.55 Dimensione: 189 KB 189 KB Risorse del computer





C:\Programmi\RSciTE\tcl.properties * SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

131 # Keywords 3
132 style.tcl.14=\$(colour.keyword),back:#FFf0f0,bold
133 # Keywords 4
134 style.tcl.15=\$(colour.keyword),back:#FFD0D0,bold
135 # Other keywords (bozo test colors :-)
136 # Keywords 5
137 style.tcl.16=\$(style.tcl.7),back:#FFD0FF,bold
138 # Keywords 6
139 style.tcl.17=\$(style.tcl.7),back:#FFFFD0,bold
140 # Keywords 7
141 style.tcl.18=\$(style.tcl.7),back:#FFA0A0,bold,
142 # Keywords 8
143 style.tcl.19=\$(style.tcl.7),back:#FFD0D0
144 #comment box
145 style.tcl.20=\$(colour.code.comment.box),\$(font.code.comment.box),back:#f0FFf0,eolfil
146 #comment block
147 style.tcl.21=\$(colour.embedded.comment),\$(font.embedded.comment),back:#f0FFf0
148
149 # Matched Operators
150 style.tcl.34=fore:#f0f0f0,bold,back:#7070ff
151 style.tcl.35=fore:#FF0000,bold,back:#FF00FF
152
153 # Braces are only matched in operator style
154 braces.tcl.style=6
155
156

li=156 co=1 INS (CR+LF)

Tipo: ActiveTcl Script Data ultima modifica: 28/01/2009 3.55 Dimensione: 189 KB 189 KB Risorse del computer





C:\Programmi\RSciTE\tcl.properties * SciTE

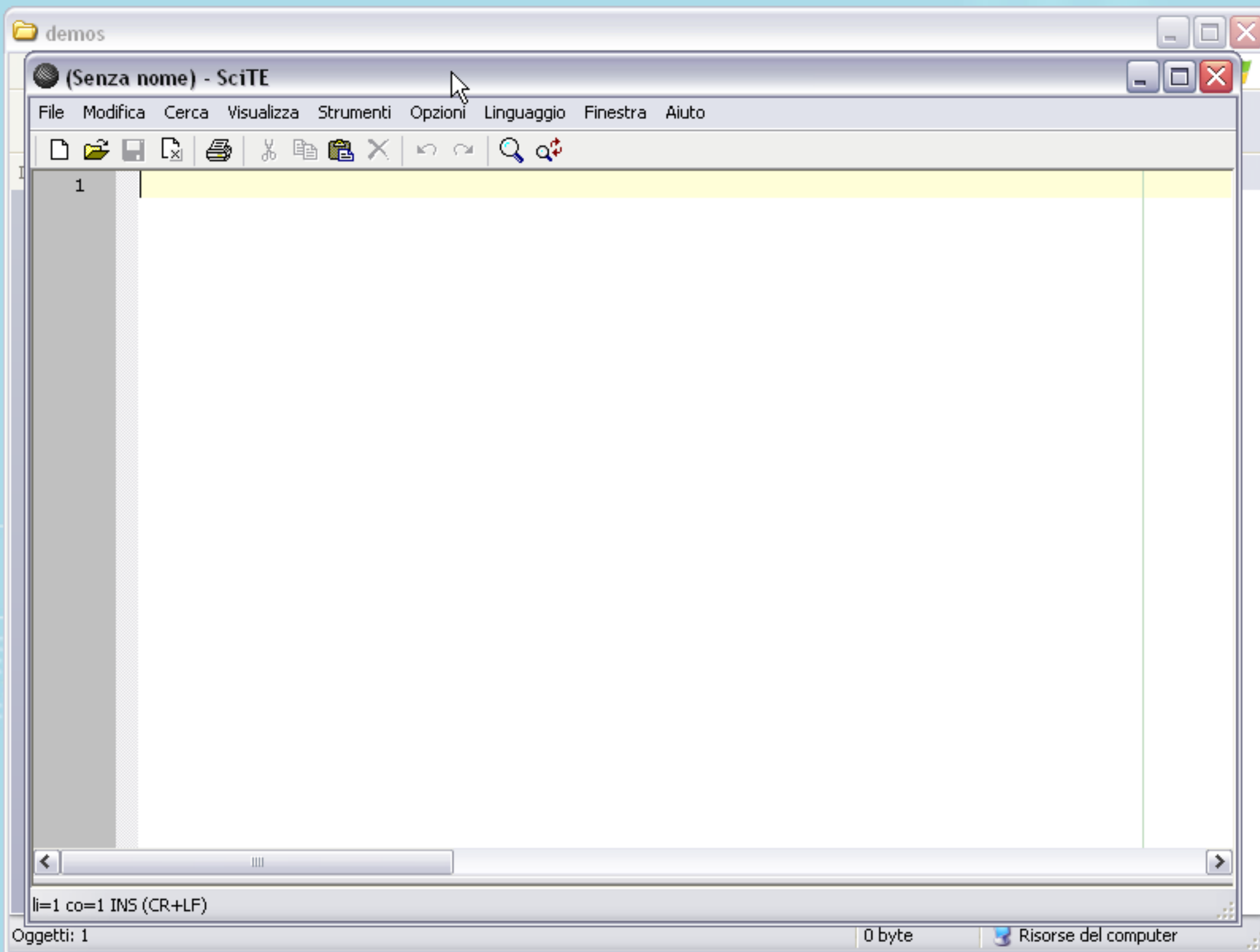
File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

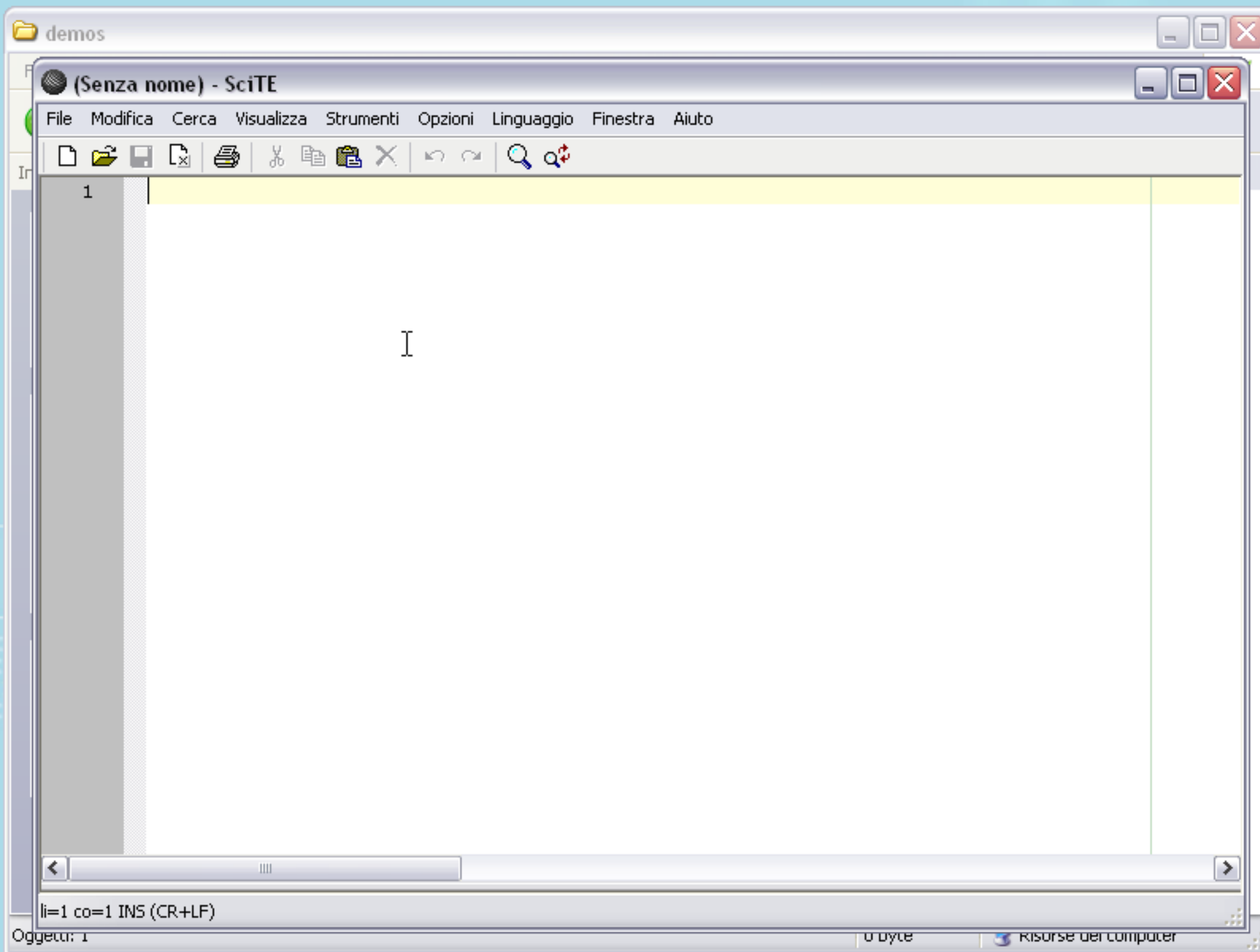
```
133 # Keywords 4
134 style.tcl.15=$(colour.keyword),back:#FFD0D0,bold
135 # Other keywords (bozo test colors :-)
136 # Keywords 5
137 style.tcl.16=$(style.tcl.7),back:#FFD0FF,bold
138 # Keywords 6
139 style.tcl.17=$(style.tcl.7),back:#FFFFD0,bold
140 # Keywords 7
141 style.tcl.18=$(style.tcl.7),back:#FFA0A0,bold,
142 # Keywords 8
143 style.tcl.19=$(style.tcl.7),back:#FFD0D0
144 #comment box
145 style.tcl.20=$(colour.code.comment.box),$(font.code.comment.box),back:#f0FFf0,eolfil
146 #comment block
147 style.tcl.21=$(colour.embedded.comment),$(font.embedded.comment),back:#f0FFf0
148
149 # Matched Operators
150 style.tcl.34=fore:#f0f0f0,bold,back:#7070ff
151 style.tcl.35=fore:#FF0000,bold,back:#FF00FF
152
153 # Braces are only matched in operator style
154 braces.tcl.style=6
155
156 command.go.subsystem.$(file.patterns.tcl)=0
157 command.go.$(file.patterns.tcl)="C:\Tcl\bin\wish85.exe" "$(FilePath)"
158
```

li=158 co=1 INS (CR+LF)

Tipo: ActiveTcl Script Data ultima modifica: 28/01/2009 3.55 Dimensione: 189 KB 189 KB Risorse del computer









demos

(Senza nome) * SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

li=8 co=1 INS (CR+LF)

Oggetti: 1 0 byte Risorse del computer





demo

(Senza nome) * SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

Salva file

Salva in: demo

Documenti recenti
Desktop
Documenti
Risorse del computer
Risorse di rete

Tk8.5

Nome file: hello.tcl

Salva come:

Salva Annulla

li=8 co=1 INS (CR+LF)
Oggetti: 1





demos

C:\Tcl\demos\hello.tcl - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 -button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

li=8 co=1 INS (CR+LF)

Oggetti: 2 130 byte Risorse del computer





demos

C:\Tcl\demos\hello.tcl - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

Compila Ctrl+F7
Genera F7
Esegui F5
Confronta/Unisci File Ctrl+O
Editor Esadecimale Ctrl+1
Gestione Progetti F10
Funzioni Aggiuntive F12
Riesegui Funzione Aggiuntiva... Ctrl+F12
Inserimento Template/Abbreviazione Ctrl+<
Proprietà TAG/Classi Ctrl+-
Ferma esecuzione Ctrl+Break

Messaggio successivo F4
Messaggio precedente Shift+F4
Cancella l'Output Shift+F5
Scambia pannello Ctrl+F6

```
1 package require Tk
2
3 button .hello
4     puts stdout "Hello World!"
5 }
6 pack .hello
7
8
```

li=8 co=1 INS (CR+LF)

Oggetti: 2 130 byte Risorse del computer





demos

C:\Tcl\demos\hello.tcl - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 -button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

h... Hello, world

>"C:\Tcl\bin\wish85.exe" "C:\Tcl\demos\hello.tcl"

li=8 co=1 INS (CR+LF)

Oggetti: 2 130 byte Risorse del computer





demos

C:\Tcl\demos\hello.tcl - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 -button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

< ||| >

>"C:\Tcl\bin\wish85.exe" "C:\Tcl\demos\hello.tcl"
Hello, world

< ||| >

li=8 co=1 INS (CR+LF)

Oggetti: 2 130 byte Risorse del computer





demo

C:\Tcl\demos\hello.tcl - SciTE

File Modifica Cerca Visualizza Strumenti Opzioni Linguaggio Finestra Aiuto

1 package require Tk
2
3 -button .hello -text "Hello, world" -command {
4 puts stdout "Hello, world"; destroy .
5 }
6 pack .hello
7
8

< ||| >

>"C:\Tcl\bin\wish85.exe" "C:\Tcl\demos\hello.tcl"
Hello, world
>Exit code: 0

< ||| >

li=8 co=1 INS (CR+LF)

Oggetti: 2 130 byte Risorse del computer

