

UCSF Chimeraのインストール手順 Windows版

2015年2月5日(木)

UCSF Chimeraは、UCSFのThomas Ferrinのグループが開発している**分子描画プログラム**です。アカデミックの方なら、ユーザー登録を行えば、無料で使用することができます。Windows, Mac, Linuxでのプログラムをダウンロード・インストールすることが可能です。

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1. UCSF Chimeraのページへアクセス

<http://www.cgl.ucsf.edu/chimera/>にアクセスし、左端の[Download]をクリックします。

UCSF Chimera Home... x

UCSF CHIMERA
an Extensible Molecular Modeling System

UCSF Chimera is a highly extensible program for interactive visualization and analysis of molecular structures and related data, including density maps, supramolecular assemblies, sequence alignments, docking results, trajectories, and conformational ensembles. High-quality images and animations can be generated. Chimera includes complete documentation and several tutorials, and can be downloaded free of charge for academic, government, non-profit, and personal use. Chimera is developed by the [Resource for Biocomputing, Visualization, and Informatics](#), funded by the [National Institutes of Health](#) (NIGMS P41-GM103311).

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January 9, 2015

Chimera production release 1.10.1 is now [available](#). 64-bit builds are recommended for all capable platforms, and the 1.10 series will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for details.

November 5, 2014

Chimera production release 1.10 is now [available](#). 64-bit builds are recommended for all capable platforms, and v1.10 will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for what's new.

Feature Highlight

Rotamers

Amino acid sidechains adopt different

Asn rotamers

2.プログラムのダウンロード

UCSF CHIMERA
an Extensible Molecular Modeling System

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Current Production Releases

- See the [release notes](#) for a list of new features and other information.
- For [more recent changes](#), use the [snapshot](#) and [daily](#) builds; they are less tested but usually reliable.

64-bit Releases (recommended):

Platform	Installer, Size, and Checksum	Date	Notes
Microsoft Windows 64-bit	chimera-1.10.1-win64.exe Size: 111993402 bytes MD5: f200ed5385d6113a80eeb9947d0dad7f	Jan 09, 2015	Instructions Documentation Runs on Windows 7 and 8 or later.
Mac OS X 64-bit	chimera-1.10.1-mac64.dmg Size: 98419913 bytes MD5: 766b97f337064dcb119ea7b7e7e82d5a	Jan 09, 2015	Instructions Documentation Runs on Mac OS X 10.6 or later (including OS X 10.10 "Yosemite").
Linux 64-bit	chimera-1.10.1-linux_x86_64.bin Size: 118027761 bytes MD5: bafa85db5f33b06039306840d364f10a	Jan 09, 2015	Instructions Documentation Compiled on Debian 4 (etch).

32-bit Releases (for small memory computers):

Platform	Installer, Size, and Checksum	Date	Notes
Microsoft Windows	chimera-1.10.1-win32.exe Size: 106414831 bytes MD5: 5a475b5ae37006f7807814ca4d8375fd	Jan 09, 2015	Instructions Documentation Runs on Windows XP, Vista, 7, and 8 or later.
Mac OS X	chimera-1.10.1-mac.dmg Size: 101073256 bytes	Jan 09,	Instructions Documentation

使用しているパソコンのOSの種類と32-bit版か64-bit版かに従って、プログラムを選択し、ダウンロードします。

ここでは、64ビットのWindows8を使用している場合を想定して、[Windows(64-bit)]を選択します。

以下の処理は、Windows7であっても32-bit版であっても操作はほぼ同じです。

3. ライセンス契約の確認

https://www.rbvi.ucsf.edu/chimera/cgi-bin/secure/chimera-get.py?file=win64/chimera-1.10.1-win64.exe

Download UCSF Chimera

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Revised 28Jan04

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Non-commercialな目的に限定されることに注意してください。

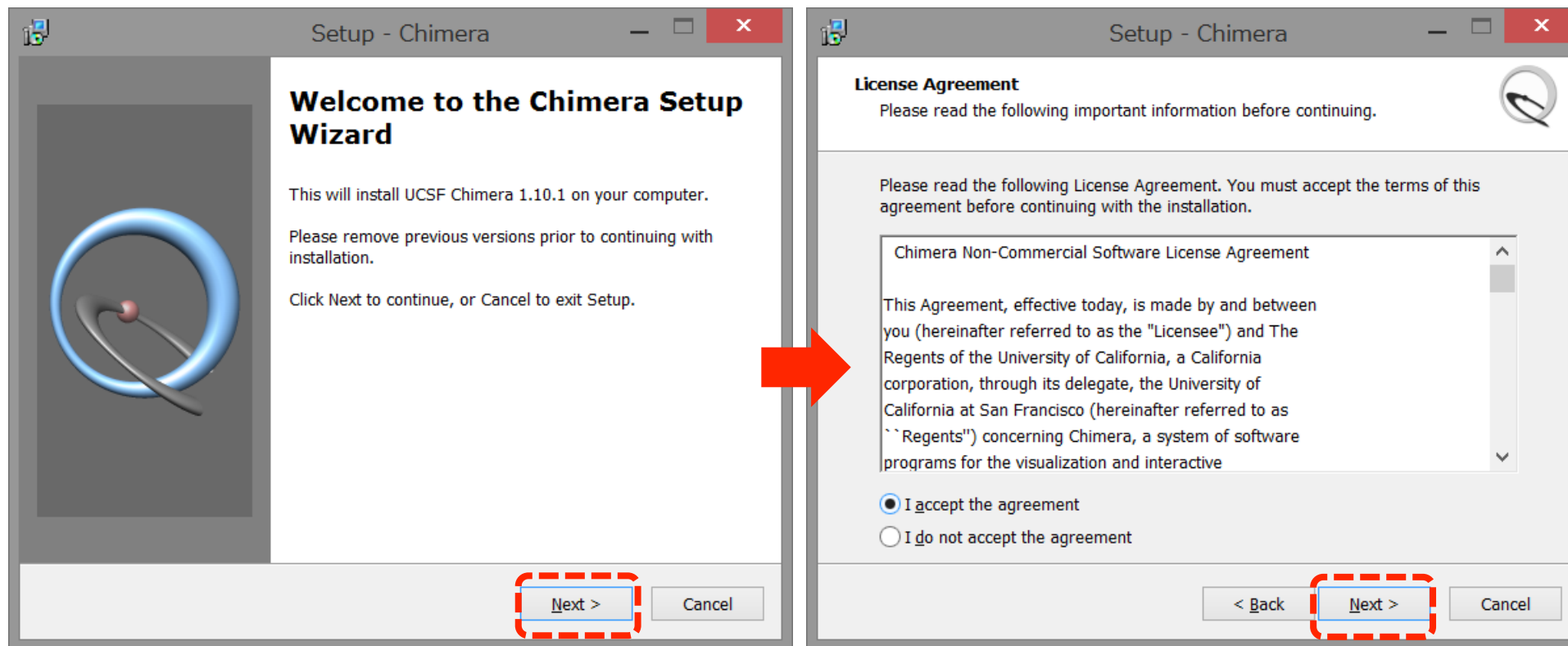
ライセンス契約の文書を読み、合意できるなら[Accept]をクリック。

4. インストールの開始



[Start Download]をクリックすると、「実行または保存しますか？」というポップアップが表示されるので、[実行(R)]をクリックします。

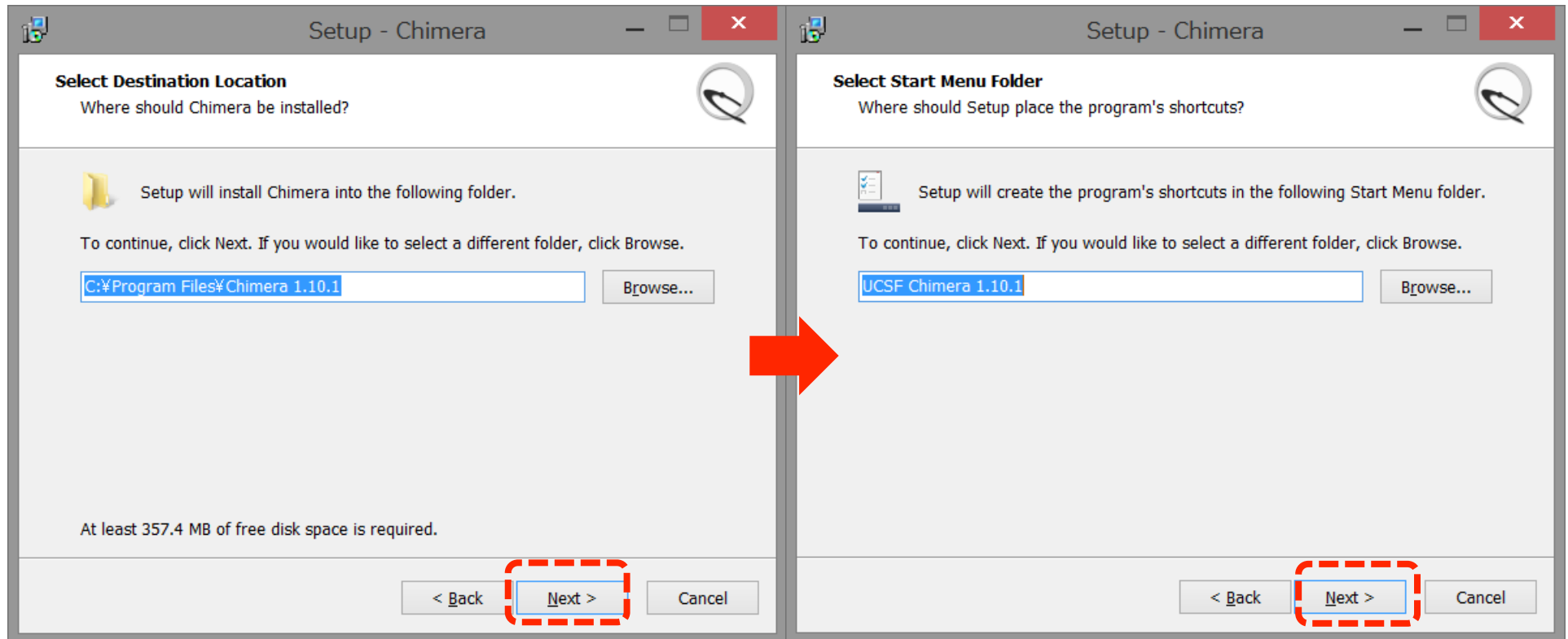
5. ウィザードに従ってインストール



インストーラのウィザードが起動されるので、適切なボタンを選択していきます。

ライセンス契約を読み、同意できるなら I accept the agreement をチェックし、[Next>] をクリックします。

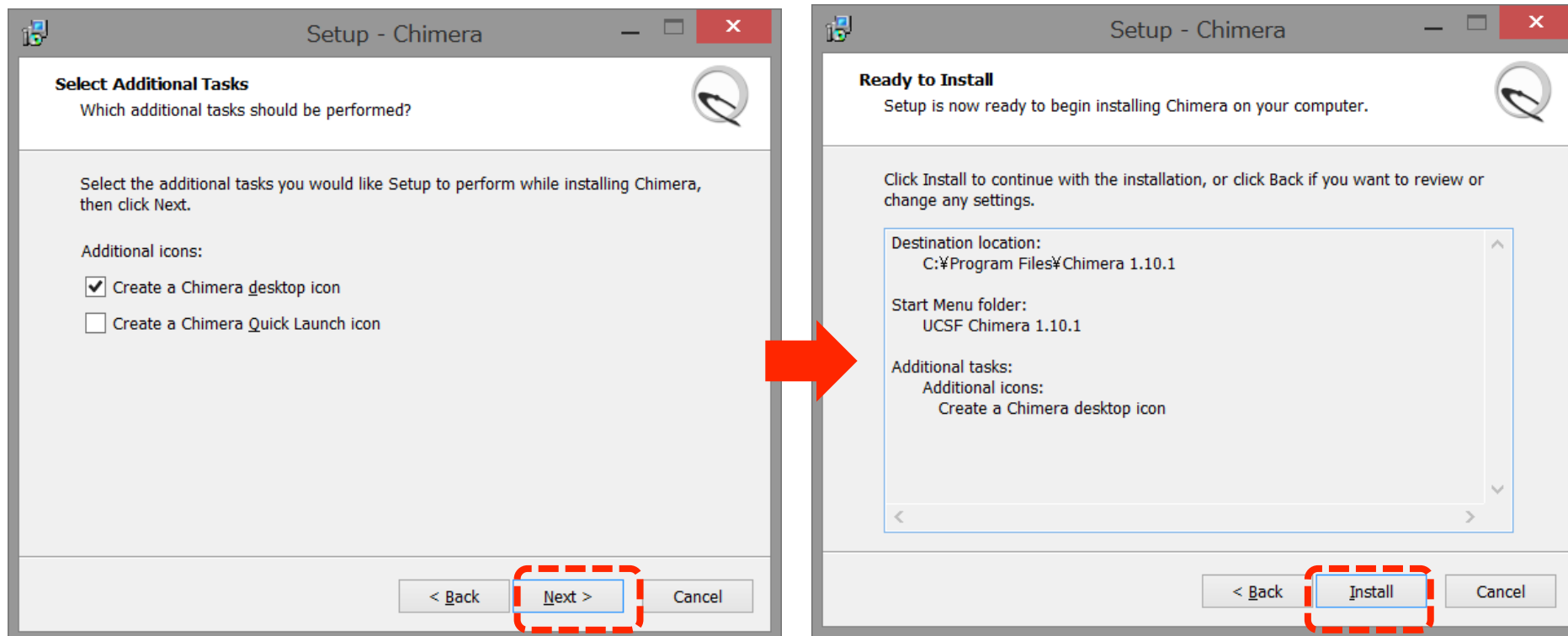
6. インストールするフォルダの指定



デフォルトでは、
C:\Program Files\Chimera 1.10.1
というフォルダーにインストールされます。
不具合があるようなら、書き替えてください。

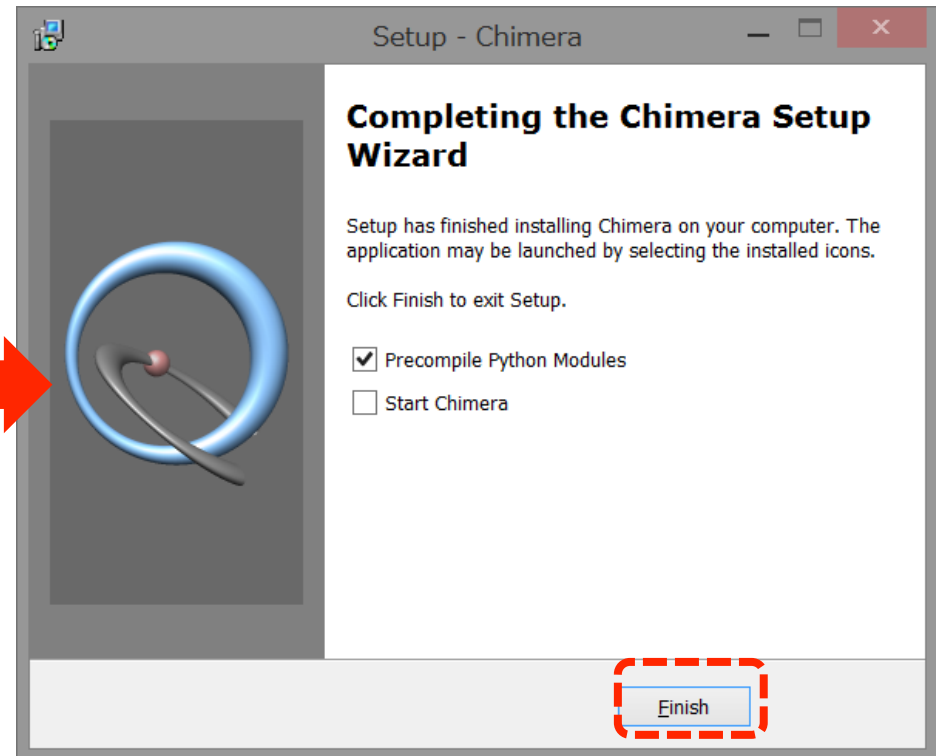
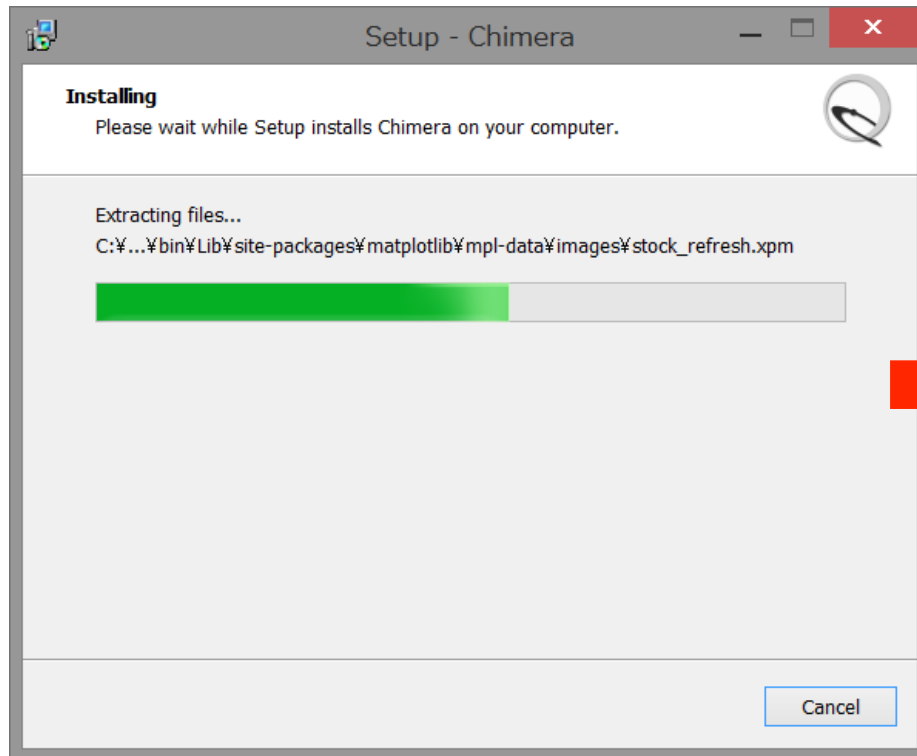
スタートメニューへ設定するショートカット名
を決めます。デフォルトはUCSF Chimera 1.10.1
です。

7. インストール処理の開始



問題がなければ[Install]をクリックし、インストール処理を開始します。

8. インストール処理の最終ステップ



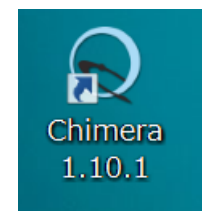
この処理には、しばらく時間がかかります。

Precompile Python Moduleをチェックして [Finish] をクリックします。

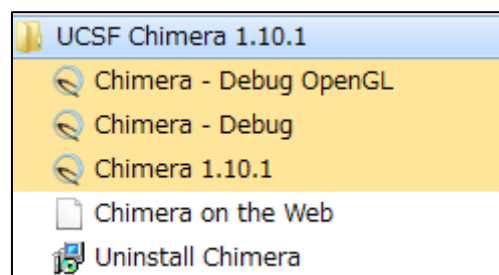
9. インストールの完了

```
C:\Program Files\Chimera 1.10.1\bin\python.exe
Listing C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInter
face\Tests ...
Listing C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInter
face\Tests\CVS ...
Listing C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInter
face\Tests\Data ...
Listing C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInter
face\Tests\Data\CVS ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInt
erface\Tests\Data\cpk_net.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInt
erface\Tests\__init__.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInt
erface\Tests\cpk_net.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInt
erface\Tests\test_molkitlib.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\VisionInt
erface\Tests\test_molkitnodes.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\__init__
.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\__init__
.py ...
Compiling C:\Program Files\Chimera 1.10.1\bin\lib\site-packages\MolKit\amberPrm
op.py ...
```

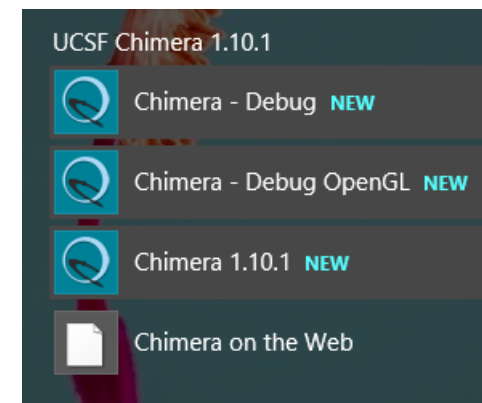
Pythonスクリプトのコンパイル作業を示す、コマンドプロンプトが表示されます。



←デスクトップ



スタートメニュー (Windows 7)



スタートメニュー (Windows 8)

これでインストールは完了です。
デスクトップやスタートメニューに
Chimeraのアイコンが表示されるはずで