# RTIBuilder软件安装教程

首先需要去官网下载RTIBuilder安装包,打开此链接: http://culturalheritageimaging.org/What We Offer/Dow nloads/index.html,可以看到RTIBuilder的图标,根据自身电脑的操作系统选择相应版本的安装包下载,如下图 红框中所示。



Spañol Nuevo! Algunos materiales RTI ahora traducidos al español.

#### Capture



Our Capture materials-guide, glossary, and demonstration videos-explain how to capture real-world subjects photographically so you can produce reflectance transformation images (RTIs), More ....

# Process: RTIBuilder Download

View: RTIViewer Download



To process your captured photographic data, you can download RTIBuilder, an interface to tools that produce the final RTI file from your image set. A PDF guide and sample files are also available for download. More ...

## **Highlight Capture Kit**



This physical starter kit (must be ordered separately) is designed to get you up and running quickly. It contains all the parts you need to capture images for RTI using the highlight method. More ...



To load and examine RTI images, you can download RTIViewer, a user guide, and example files. RTIViewer is a software application that offers interactive rendering and study of RTI images. More...

CHI offers a free online forum site where you can share your questions, insights, and issues to gain a more complete understanding of RTI and its practical applications. How are museum conservators, computer scientists, natural scientists, photographers, and other related professional groups using RTI? What problems are they solving and what challenges are they facing? Join the conversation!

## Download the Free and Open Source RTIBuilder Software, Sample Files, and User Guide

RTIBuilder Version 2.0.2	Ć	Intel Macs with MacOS 10.5 or later required. Note: On MacOs 10.9 and later you may get a misleading error message about RTIBuilder being damaged. See our post in the CHIForums about this problem.
RTIBuilder Version 2.0.2	<b>9</b>	Win32
Reflectance Transformation Imaging: Guide to Highlight Image Processing Version 1.4 (PDF)	POF -	This user guide describes all processing steps for creating RTI and PTM files, including the preparation of jpeg images prior to using the RTIBuilder application. This guide is NOT included in the software download and must be downloaded separately.
Glossary of Photographic and Technical Terms for RTI	POF	New! Version 1.0. Defines and explains terms related to the setup, capture, and processing of RTI images (308 KB)
Example Files	R	fish_fossil-data-set_2000.zip (58 MB) Set of 36 jpeg images of a fish fossil at 2000 x 1334 pixel resolution (Recommended) fish_fossil-data-set_1000.zip (18 MB) Set of 36 jpeg images of a fish fossil at 1000 x 667 pixel resolution (Smaller file size for those with limited bandwidth)
License	GNU	RTIBuilder software is available under the Gnu General Public License version 3. If you wish to receive a copy of the source code, please send email to info@c-h-i.org.

下载完成后双击打开,点击Install安装,如下图所示:

RTIbuilder v2.0.2 Setup: Installation Folder	- 🗆 X
Setup will install RTIbuilder v2.0.2 in the following fold different folder, click Browse and select another folder the installation.	der. To install in a r. Click Install to start
Destination Folder	
C:\RTIbuilder_v2_0_2	Browse
Space required: 9.9MB	
Space available: 64.3GB	
Cancel Nullsoft Install System v2,46	:k <u>I</u> nstall

安装完成如下图所示,点击Close关闭即可。

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Completed		
Show <u>d</u> etails		
Cancel Nullsoft Install System v2.46	< <u>B</u> ack	se

安装完成后的软件是英文版的,下一步进行汉化。南京易纹兴公司提供汉化工具。请打开链接: <u>http://inwention.com/2019/01/30/软件汉化包/</u>下载它的汉化包。

下载完成后,打开"RTIBuilder汉化包"文件夹,选中文件夹中的所有文件,然后右击鼠标选择"复制"

^	名称	修改日期    类型	大小
	Pipelines	2018/3/26 12:17 文件夹	
	- Plugins	2018/3/26 12:17 文件夹	
1	🕌 RTIbuilder	打开( <b>O</b> )	886 KB
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			>
		复制(C)	
		粘贴(P)	
		创建快捷方式(S)	
		删除(D)	
		重命名(M)	
		属性(R)	
~		-	

我的电脑 > DATA (D:) > installationPackage > RTI > RtiBuilder > RTIBuilder汉化包

找到我们之前安装RTIbuilder的目录,右击选择"粘贴",在弹出的选框中选择"替换目标中的文件",即可完成 汉化。



> 我	的电脑 > OS (C:) >	RTIbuilder_v2_0_2 →			
盛工タへ	名称	~	修改日期	类型	大小
	Fitters		2018/3/26 12:58	文件夹	
IBuild	lib		2018/3/26 12:58	文件夹	
	, Pipelines		2018/3/26 12:58	文件夹	
	Plugins		2018/3/26 12:58	文件夹	
	RTIbuilder		2010/11/23 2:12	应用程序	89 KB
	🕌 RTIbuilder		2011/6/18 4:29	Executable Jar File	881 KB
	RTIbuilder[Co	nsole]	2010/11/23 2:12	应用程序	89 KB
3m	👹 uninstall		2018/3/26 12:58	应用程序	36 KB
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		排序方式(O)	>		
		分组依据(P)	>		
		刷新(E)			
		自定义文件夹(F)			
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在安装位置找到应用程序图标,双击打开使用。

## 我的电脑 > OS (C:) > RTIbuilder\_v2\_0\_2

^	~ 名称	修改日期	类型	大小
	- Fitters	2018/3/26 12:58	文件夹	
	📙 lib	2018/3/26 12:58	文件夹	
	Pipelines	2018/3/26 12:58	文件夹	
	Plugins	2018/3/26 12:58	文件夹	
	RTIbuilder	2010/11/23 2:12	应用程序	89 KE
	🛓 RTIbuilder	2011/6/18 4:29	Executable Jar File	881 KB
	RTIbuilder[Console]	2010/11/23 2:12	应用程序	89 KB
	🕲 uninstall	2018/3/26 12:58	应用程序	36 KB

也可以在开始菜单中找到RTIbuilder文件夹中找到应用程序图标,点击打开使用。



打开软件后出现下图所示的窗口,即为安装正确。

🕌 RTIbuilder

[中文版RTIBuilder由南京易纹兴汉化] 文件 帮助

# **RTI Builder**

I

工程项目

项目类型

Name	Plugins
基于小球高光点的RTI算法(HSH Fitter) 基于小球高光点的PTM算法(PTM Fitter) 基于弯顶LP文件的PTM算法(PTM Fitter) 基于弯顶LP文件的RTI算法(HSH Fitter) 基于LP文件的RTI算法(HSH Fitter) 基于LP文件的PTM算法(PTM Fitter)	Folder Preview Plugin -> Ball Detection -> Plugin HighLight Detection -> Plugi Folder Preview Plugin -> Ball Detection -> Plugin HighLight Detection -> Plugi Dome LP File Plugin Viewer -> Plugin PTMfitter Dome LP File Plugin Viewer -> Plugin HSHfitter Lp File Plugin Viewer -> Plugin HSHfitter Lp File Plugin Viewer -> Plugin PTMfitter
处于LP文件的PTM算法(PTM Fitter)	Lp File Plugin Viewer -> Plugin PTMfitter
项目 打开项目	

## RTIBuilder软件安装异常

若我们的电脑中安装了杀毒软件,如金山毒霸、360卫士等,在安装RTIBuilder软件时就会弹出一个安装权限和杀 毒软件发现病毒的弹框,无法安装软件,如下图所示:



此时只需要点击杀毒软件弹框中的添加信任按钮,即可重新安装,如下图所示:

	发现病毒,建议立即清除	×
	系统防御发现病毒,如果不处理将危害系统实 保障系统安全	全。建议您立即清除,以
	病毒名称: Win32.Malware.Generic.a.(ko 病毒文件: C:\Users\Ad\rtibuilder_2_0_2	<b>:loud)</b> _setup.exe
金山書霸	▶ <b>立即清除</b> 彻底清除病毒木	马,保障系统安全
39970HOH	☑ 快速扫描电脑	更多操作 ▼

RTIbuilder v2.0.2 Setup:	Installation Options
Check the components y you don't want to install	ou want to install and uncheck the components . Click Next to continue.
Select components to install:	<b>RTIbuilder v2.0.2 Setup</b> ✓ Start Menu Shortcuts
Space required: 9.9MB	
Cancel Nullsoft Instal	II System v2,46 Next >