

Open file to install with Ubuntu Software Center or use dpkg -i

Open file to install with Ubuntu Software Center, or use dpkg -i

archive.ph/Ggbrs

🔛 ARIA 2.9.0 - Ubuntu 12.04.2 (precise) or later, 32-bit i386 architecture 🗗 (libaria_2.9.0+ubuntu12+gcc4.6_i386.deb)

🔛 ARIA 2.9.0 - Ubuntu 12.04.2 (precise) or later, amd 64-bit architecture 🗗 (libaria_2.9.0+ubuntu12+gcc4.6_amd64.deb)



ARIA 2.9.0 - Debian 5 (lenny), 32-bit architecture 🗗 (libaria_2.9.0+debian5+gcc4.3_i386.deb)

■ Install with dpkg -i



😭 ARIA 2.9.0 - Other 32-bit Linux systems (Generic compressed TAR archive) with GCC 4.6 🗗 (ARIA-2.9.0+gcc4.6.tgz)

Unpack and follow installation instructions inside



ARIA 2.9.0 - Other 64-bit Linux systems (Generic compressed TAR archive) with GCC 4.6 & (ARIA-

2.9.0+x86_64+gcc4.6.tgz)

Unpack and follow installation instructions inside

Documentation



E README ₽



Change History



Installation Instructions

Previous Versions



Archived versions of Aria &

Additional Ubuntu and Debian Packages for Java and **Python Wrappers**

Ubuntu 12 32-bit



🔛 ARIA Java Wrapper 2.9.0 - Ubuntu 12.04.2 (precise) or later, 32-bit i386 architecture 🗗 (libaria-

java_2.9.0+ubuntu12+gcc4.6_i386.deb)

■ Open file to install with Ubuntu Software Center, or use dpkg -i



🔛 ARIA Python Wrapper 2.9.0 - Ubuntu 12.04.2 (precise) or later, 32-bit i386 architecture 🗗 (libaria-

python_2.9.0+ubuntu12+gcc4.6_i386.deb)

Open file to install with Ubuntu Software Center, or use dpkg -i

Ubuntu 12 64-bit



🔛 ARIA Java Wrapper 2.9.0 - Ubuntu 12.04.2 (precise) or later, amd 64-bit architecture 🗗 (libaria-

java_2.9.0+ubuntu12+gcc4.6_amd64.deb)

Open file to install with Ubuntu Software Center or use dpkg -i



ARIA Python Wrapper 2.9.0 - Ubuntu 12.04.2 (precise) or later, amd 64-bit architecture 🗗 (libaria-

python_2.9.0+ubuntu12+gcc4.6_amd64.deb)

Open file to install with Ubuntu Software Center or use dpkg -i

Debian 5 32-bit



ARIA Java Wrapper 2.9.0 - Debian 5 (lenny), 32-bit architecture 🗹 (libaria-java_2.9.0+debian5+gcc4.3_i386.deb)

Install with dpkg -i



ARIA Python Wrapper 2.9.0 - Debian 5 (lenny), 32-bit architecture 🗗 (libaria-python_2.9.0+debian5+gcc4.3_i386.deb)

■ Install with dpkg -i

Matlab

Basic Matlab and Simulink interface to ARIA and ArNetworking (including ARNL servers) are now included in the matlab and ArNetworking/matlab subdirectories, supporting a subset of essential robot functions. View the documentation in the matlab directories for requirements and details on how to build and use this interface. Also see Aria Matlab Interfaces and Simulink Demo Webinar for more information.

Getting Started

To get started using ARIA, the first document you should read is your robot operations manual shipped with the robot or available on the Manuals page. This will show you the components of the robot, and how it can be controlled from a client

In a Linux installation, ARIA can be found in /usr/local/Aria. In a Windows installation, you can find it in the Start menu under MobileRobots->Aria. If your robot has an onboard computer, ARIA and all other libraries needed for that robot have been preinstalled.

archive.ph/Ggbrs

Next, read the ARIA README.txt file. This will give a brief practical overview of the ARIA SDK. Next, read the ARIA API reference manual (Aria-Reference). This manual includes a longer discussion of robot software development, what ARIA offers and how to use it, as well as documentation of each class and method in ARIA.

Finally, ARIA includes many example programs in the 'examples' directory.

Other libraries and packages you install will also include their own documentation, in the form of a README text file and/or a reference manual similar to ARIA's.

Recommended Additional Downloads

MobileSim

To simulate a robot and enviornment before trying your code on a real robot, use the MobileSim simulator. (SRISim is no longer available.)

MobileEyes

Customers may also want to download our proprietary MobileEyes application so that you can have a GUI to remotely watch and control what the robot is doing. MobileEyes connects to a server program on an robot onboard computer. using ArNetworking (library included with ARIA) across a wireless network, letting you view and control the robot's movements and environment without slowing it down. See the ArNetworking library documentation for details on developing custom server programs.

ArVideo

ArVideo provides access to control and images from Axis ethernet cameras, as well as images acquired from analog framegrabbers.



Last modified at 15:30, 20 November 2014.

This page has been accessed 150,236 times. Reserved.

Copyright © 2008-2015 Adept MobileRobots. All Rights



archive.ph/Ggbrs 3/3