The Avogadro Handbook

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The Avogadro Handbook
by Carsten Niehaus

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Avogadro is an advanced molecular editor designed for cross-platform use in computational chemistry, molecular modeling, bioinformatics, materials science, and related areas. It offers flexible rendering and a powerful plugin architecture. The main concept behind Avogadro is to enable a strong framework for molecular visualization and editing. Each community has their own needs and goals for an ideal tool. So Avogadro seeks to allow users to easily provide their own plugins and scripts for rendering, tools, commands... etc. Avogadro is based on top of existing chemistry software, including Open Babel. In the future, it will offer strong scripting abilities to allow for automated demos, submission of calculations to local computational resources, and user-defined customization.

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Chapter 1. Introduction

It is free and licensed under the GNU Public License.

Appendix A. Installation

A.1. How to obtain Avogadro

Avogadro itself can be found on the Avogadro home page (http://avogadro.sf.net).

A.2. Requirements

Avogadro itself can be found on the Avogadro home page (http://avogadro.sf.net).