

The StateInfo Manual

Version 0.7.1

S. SAGMEISTER AND C. AMBROSCH-DRAXL

Contents

1	Introduction	2
2	Usage	2

1 Introduction

`StateInfo` is a utility which reads in an exciting `STATE.OUT` or `STATE.xml` file (the place where the density and the potential as well as the magnetization and the B-field are stored) and outputs a short summary of its content. In particular, the number of species and atoms, the radial meshes, grid sizes, angular momenta cutoffs and spin-polarization are reported. It may be used to retrieve some information about the circumstances under which the `STATE`-file was produced.

2 Usage

No input file is required. The program expects either `STATE.OUT` or `STATE.xml` (or both) to be located in the current working directory.