

1 Introduction

This describes a Python program wrapper for the CCP4 Program Scala (Evans, P “Data Reduction” in Proceedings of 1993 CCP4 Study Weekend.) This wrapper provides most of the commonly used functionality implemented in Scala.

2 Use Cases

2.1 Simple: Scale and Merge Data

The simplest implementation of the Scala wrapper is to simply take data from Mosflm and merge to a “standard” mtz file. This will need to perform the following operations:

- Apply a resolution limit.
- Apply a scaling model.
- Apply an error model.
- Add project, crystal, dataset information.