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ISDAT Programmers Guide
6. External software packages

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1 Introduction

1.1 Purpose of the document

The ISDAT provides some interfaces to external (commercial) software packages. The purpose of this document is to provide the information needed to write and integrate external software with the ISDAT software. The document is intended for the programmer. A general introduction to the ISDAT is given in [Ref. 1]. An overview of documents related to coding and general guidelines are given in [Ref. 2].

1.2 Available Interfaces

At present an interface IDL 2.0 / ISDAT 0.9 exists for SUN Workstations. It will be upgraded to an IDL 2.0 / ISDAT 1.0 interface. The implementation of an ISDAT 1.0 / MatLab interface for HP 9000/700 workstations is under way.

1.3 Definitions and acronyms

Acronym	Meaning
DBH	Data Base Handler
IDL	Interactive Data Language
ISDAT	Interactive Science Data Analysis Tool
N/A	Not Applicable
TBD	To Be defined
TBW	To Be Written

2 IDL

[to be written]

3 MatLab

[to be written]

References

- [1] G. Holmgren and A. Lundgren. ISDAT interactive scientific analysis tool. an introduction. Technical report, IRF-U, February 1994.
- [2] A. Lundgren and G. Holmgren. ISDAT programmers guide. 1. overview and general guidelines. Technical report, IRF-U, February 1994.