
Gemini Programmer Manual

Release 0.9

Kathleen Labrie

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INTRODUCTION TO THE INSTRUMENT

1.1 General Description

1.2 Description of the Modes

1.3 Required Calibration and Associated Observations

1.4 Important Instrument Characteristics or Issues

CONTENT OF ASTRODATA_GEMINI

2.1 Overall Structure

2.2 ADCONFIG_Gemini

2.3 RECIPES_Gemini

2.4 PIF_Gemini

CODING FOR ASTRODATA_GEMINI

3.1 Adding Configuration Elements

3.2 Adding Recipes

3.3 Adding Primitives

3.4 Adding PIFs

TYPICAL DATA REDUCTION FLOWS

4.1 List of Typical Sequences

4.2 Top-Level Flow Charts for Processing of Calibrations

4.3 Top-Level Flow Charts for Processing of Science

ASTRODATA TYPES

5.1 Relevant AstroData Types

list all astrodata types to be considered

5.2 Association Table

associate ad types with type of observations

RECIPES AND CONTEXTS

6.1 Contexts

list the contexts

6.2 Recipes

list of recipes for each context

location of recipes and indexes

6.3 Technical Flow Charts

technical flow charts for each recipes

6.4 Issues and Limitations

PRIMITIVES

7.1 Primitive #1 (alphabetical)

7.1.1 Purpose

7.1.2 Inputs and Outputs

7.1.3 Input parameters

7.1.4 AstroData Type(s)

7.1.5 Inheritance and Primitive Set

7.1.6 Location

7.1.7 Algorithms

7.1.8 Issues and Limitations

7.2 Primitive #2

TEST SUITE

8.1 Available Tests

8.2 Missing or Desirable Tests

8.3 Running the Tests