



The AdV Computing Model

The Virgo collaboration

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Abstract: We present here the Advanced Virgo Computing Model, which we have defined to guarantee a production and analysis system which gives an easy and robust access to data and resources, for both commissioning and analysis. This document is intended to be a living document, updated with well defined cycles. In fact, an “Implementation Plan” will then describe the technical solutions, as they are foreseen with the actual computing resources, together with plans for testing them. The Model is sustained by a “Management Plan”, which addresses the management procedures to make reality checks on it. The Model is composed by fifth parts. The three main parts are the Computing Model workflow, the Data Model, the Data Management Distribution and Access. The last two parts, Software description and the Computing Facilities resource requirements, complete the information.

Contents

I	AdV Computing Model	4
1	Computing and Data Analysis workflows	5
1.1	Introduction	5
1.2	Primary data workflows	5
1.3	Commissioning and operation workflows	7
1.4	Detector characterization and noise monitoring workflows	7
1.4.1	On-line analysis	7
1.4.2	In-time analysis	7
1.4.3	Off-line analysis	7
1.5	Science data analysis workflows	7
1.5.1	Low latency searches	8
1.5.1.1	CBC	8
1.5.1.2	Burst	8
1.5.2	Off-line searches	8
1.5.2.1	Burst	8
1.5.2.2	CBC	8
1.5.2.3	CW	8
1.5.2.4	Stochastic	8
II	AdV Data Model	9
2	Data Model: from production to processing	10
2.1	Introduction	10
2.2	Primary Data Set	10
2.2.1	Full bandwidth raw data stream	10
2.2.2	Raw data stream	10
2.2.3	Reduced Data Sets	11
2.2.4	Trend data	11
2.2.5	AdV $h(t)$ stream	11
2.2.6	LIGO $h(t)$ stream	11
2.2.7	Summary tables for the primary data set	11
2.3	Commissioning and Detector characterization data	12
2.3.1	Spectrogram data	12
2.3.2	Calibration data output	12
2.3.3	Omicron pipeline	12
2.3.4	Data Quality Processes	12
2.3.5	Web Monitoring	12
2.3.6	Summary tables for commissioning and detector characterization data	13
2.4	Science Analysis Data	14

2.4.1	Burst	14
2.4.2	CBC	14
2.4.3	CW	14
2.4.4	Stochastic	14
2.4.5	Summary tables for Science Analysis Data	14
III AdV Data management, distribution and access		16
3	Data management and distribution	17
3.1	Introduction	17
3.1.1	Basic Data Management rules for AdV: primary data set, commissioning, detchar data . .	18
3.1.2	Basic Data Management rules for AdV: Scientific analysis	19
3.2	Data management at EGO-Cascina	19
3.2.1	Data management	19
3.2.2	Local archiving	19
3.3	Virgo data distribution at CCs	19
3.3.1	Bulk Data Transfer to CCs	19
3.4	Data management at the CCs	20
3.4.1	CNAF	20
3.4.2	CC-IN2P3	22
3.5	Low latency data transfer	22
3.6	LIGO data distribution at the CCs	22
3.7	Network requirements	22
4	Data Access Model	23
4.1	Data Bookkeeping	23
4.1.1	Metadata catalog (Advanced LIGO/Virgo Data Base, LVDB)	24
4.1.2	File Locator Data Base	24
4.1.2.1	Preamble	24
4.1.2.2	The project	24
4.2	Data Access	24
4.2.1	Local Data Access in the CCs	24
4.2.2	Remote Data Access	25
IV Software description and management		26
5	Base software	27
5.1	Software to store the primary data set: the frame files	27
6	Data Analysis software	28
6.1	Software for Burst searches	28
6.2	Software for CBC searches	28
6.3	Periodic Source Search software	28
6.3.1	PSS software	28
6.4	Software for Stochastic searches	29
6.5	LAL-LALAPPS software	29
6.6	GWTOOLS	29

V	Computing facilities resource requirements	30
7	Cascina (Tier-0)	31
8	CNAF and CCIN2P3	32
9	Tier-2s	33
	References	34