

Test Report for ECA Rules for Ampersand

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Table 1: Revision History

Author	Date	Comments
Yash Sapra	24 / 03 / 2016	Initial draft

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1 Introduction

1.1 Description

This document details the test results of EFA. This document uses the test description mentioned in the test plan. EFA, as well as the core Ampersand system, is currently in active development where changes occur frequently. For this reason few tests could not be performed. A second phase of testing will be performed once the EFA project is integrated into the core Ampersand.

1.2 Scope

The purpose of this document is to outline the implementation details of the EFA project described in the Problem Statement. EFA is responsible for generating SQL Statements from ECA rules that will be used to fix any violated invariants in the Ampersand prototype. The document will serve as a referral document for future software Testing and integration of EFA in the Ampersand project.

No.	Input File	Run-Time Without EFA project	Run-Time With EFA project
1	ProjectAdmin.adl	5.85	7.63
2	Delivery.adl	5.33	6.01
3	Try1.adl	6.16	6.93
4	Try2.adl	5.95	6.45
5	Try3.adl	6.28	7.01
6	Try4.adl	6.78	7.44
7	Try5.adl	6.13	7.1
8	Try6.adl	6.16	7.65
9	Try7.adl	6.98	8.01
10	Try8.adl	7.5	8.65
11	Try9.adl	7.2	8.22
12	Try10.adl	6.33	7.88
13	Try11.adl	6.47	7.57
14	Try12.adl	7.88	8.68
15	Try13.adl	7.56	8.92
16	Try14.adl	7.11	8.75
17	Try15.adl	7.13	9.01

18	Try16.adl	6.15	8.01
19	Try17.adl	6.39	7.66
20	Try18.adl	6.04	7.32
21	Try19.adl	6	6.9
22	Try20.adl	5.62	6.81

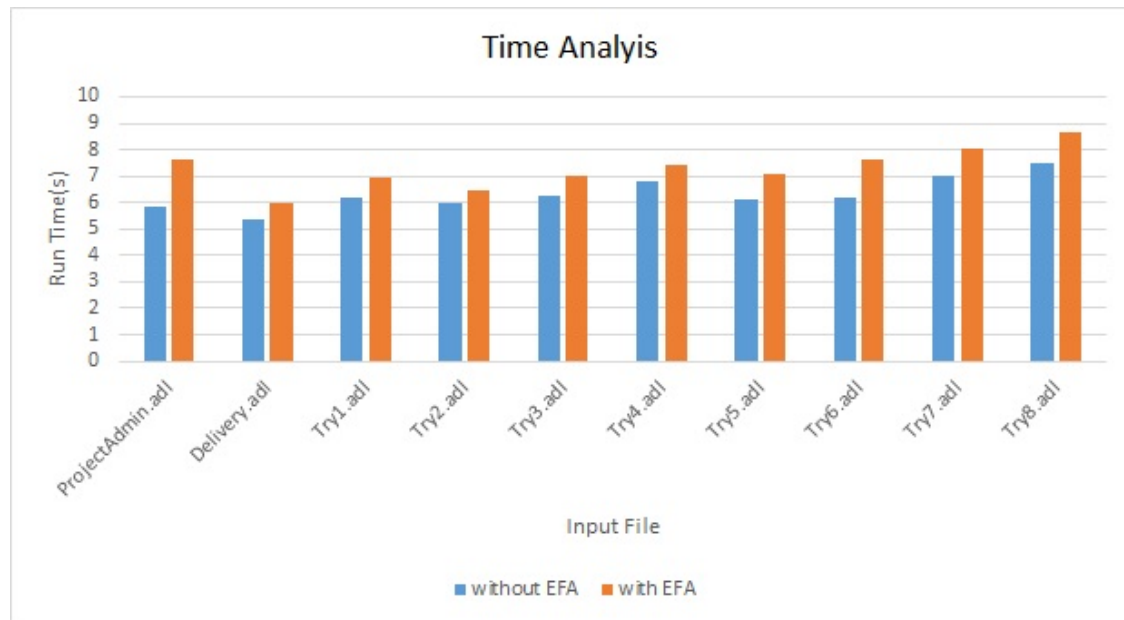


Figure 1: Run Time chart for test case 1 to 10.

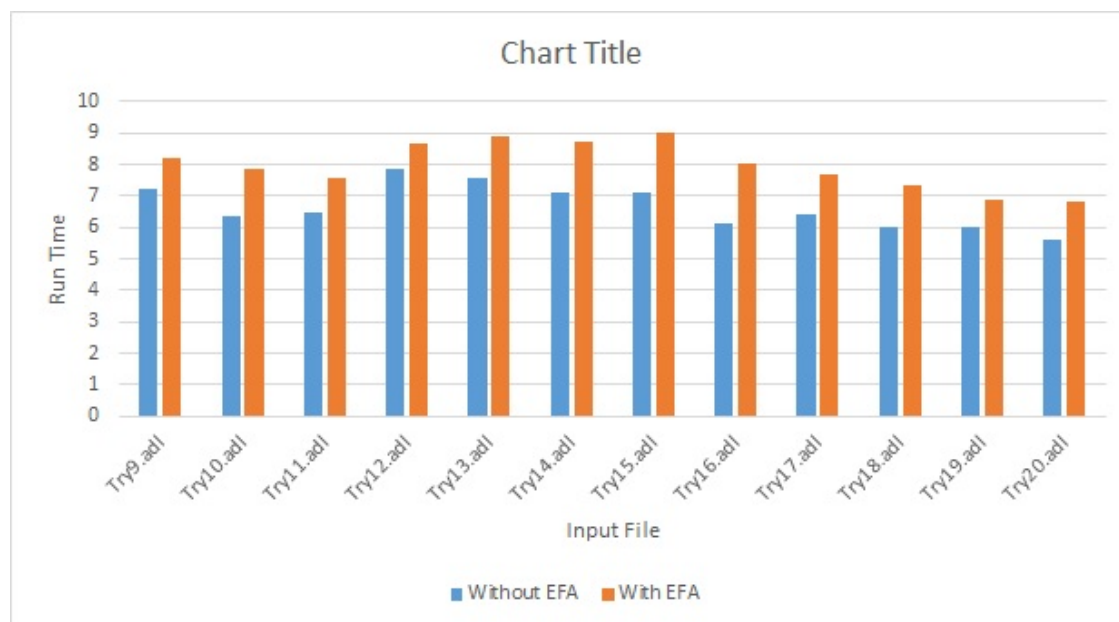


Figure 2: Run Time chart for test case 11 to 22.