ASE TEAM 1

USER Manual

HUSACCT –GENERAL GUI & CONTROL

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CONTENTS

INTRODUCTION

This document will contain the user documentation regarding the general graphical user interface and control of HUSACCT.

GETTING STARTED

DOWNLOAD AND RUN HUSACCT

1. Visit: http://husacct.github.io/HUSACCT/
   At this site you can watch an introduction video, access the documentation and download the latest release of HUSACCT.
   Select "Download HUSACCT_x.x JAR File" and save the jar in a suitable directory.
2. The tool starts when you open or double click the jar-file (if your local Java-settings are ok).
   Note: HUSACCT 2.x requires Java 1.7.
   a. If not (and you are running Windows), create a shortcut and edit Target to:
      java -jar <pathToHUSACCT>HUSACCT_x.x.jar
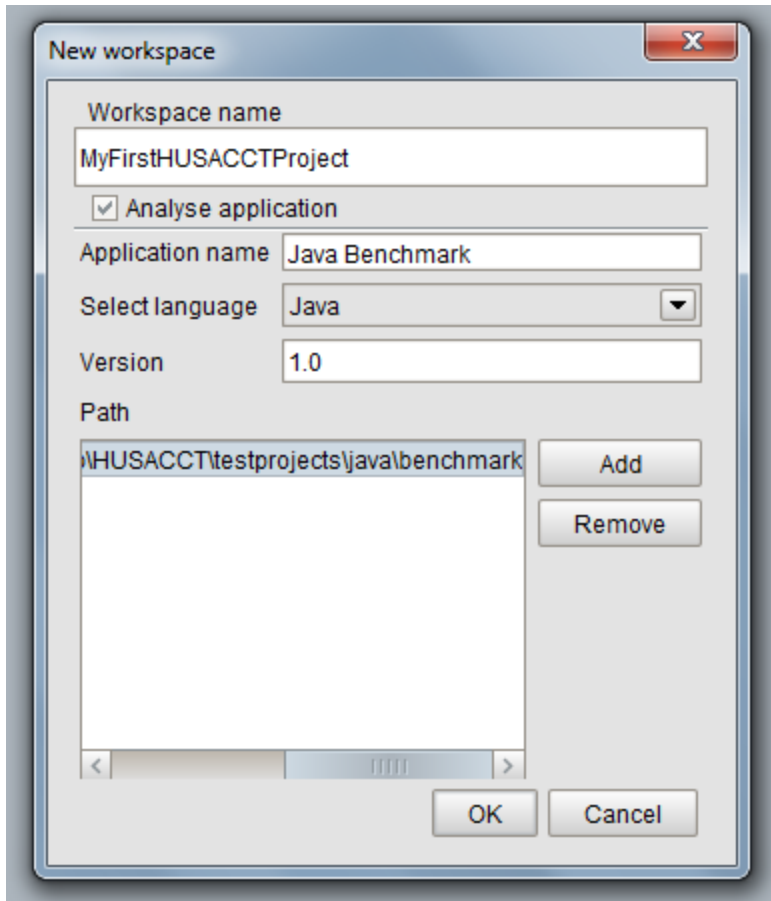   For example:
      java –jar C:\Tools\HUSACCT\HUSACCT_2.2.jar
      or "C:\Program Files (x86)\Java\jre7\bin\java.exe" -jar C:\Tools\HUSACCT\HUSACCT_2.2.jar
   b. Alternatively, start a Command prompt, cd to the directory with the HUSACCT jar and start the tool from the command line, for example: C:\Tools>java -jar HUSACCT_2.2.jar.
      If needed, check the Java version with command: java –version.
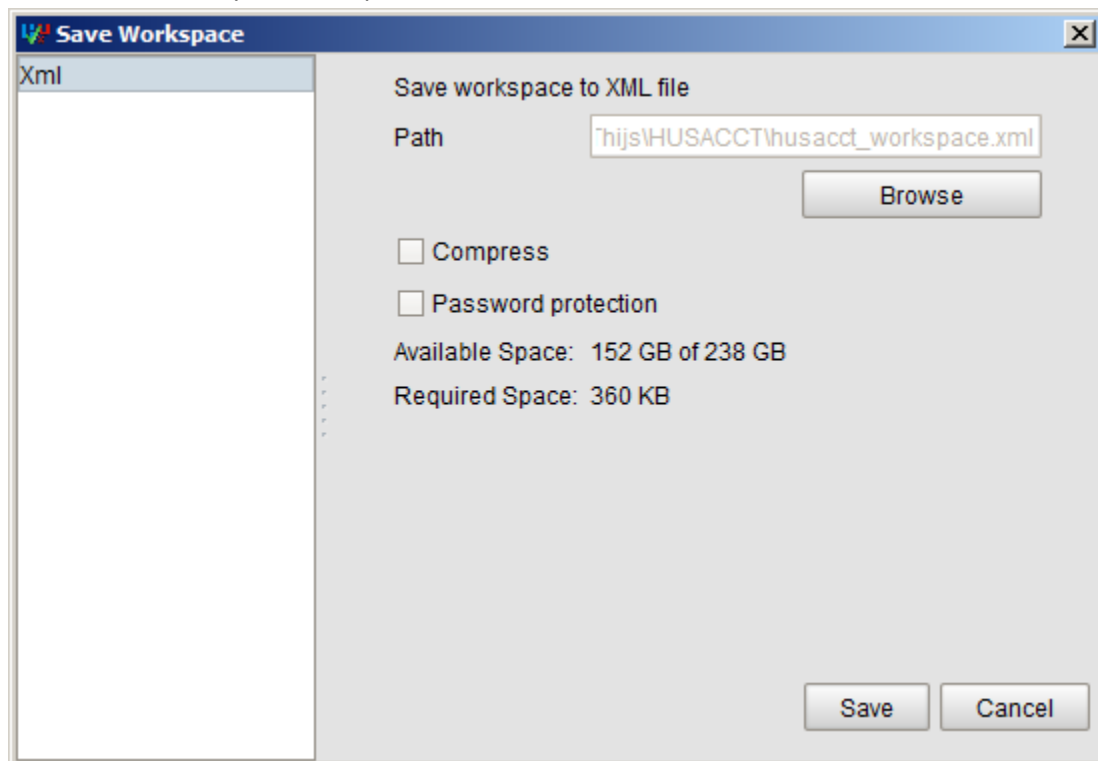
CREATING A WORKSPACE

1. To create a workspace, go to file => New workspace.
2. Choose a name for you workspace and select "Analyse Application".
3. Give the application you want to analyse a name.
4. Select the programming language.
5. Give your application a version number (not the Java version number).
6. Click on "Add" and select your project you want to analyse.
7. Your workspace settings should look like something like this:

8. Click "OK" and HUSACCT starts analysing your selected project.

9. During this process, you can start defining your architecture in the define screen that is also opened by HUSACCT.
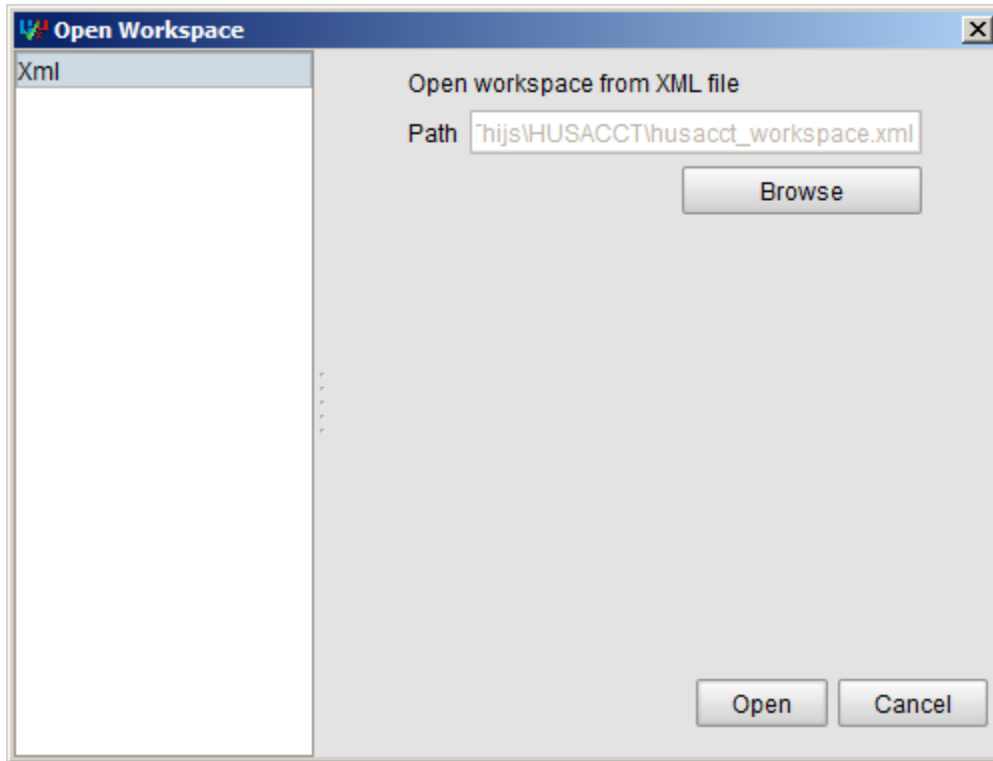
SAVING A WORKSPACE

1. To save a workspace, go to file => Save workspace

2. Select the file type (currently only xml available)

3. Choose a path using the "Browse" button

4. There are a couple of options available:

- Compress: Compresses the file to lower the required disk space

- Password protection: Protect the file with a password, this makes the file unreadable when opening with a text editor

5. Click "Save" and your workspace will be saved

OPENING A WORKSPACE

1. To open a workspace, go to file => Open workspace
2. Select the file type (current only xml available)
3. Choose the file you want to open using the "browse" button
4. Click open
5. When the file is password protected, you will be prompted for a password

APPLICATION ANALYSIS HISTORY

After analyzing any source code, HUSACCT saves information about the analysis in its App Data folder. This allows you to view the evolution of the software while your optimizing your code to get as few violations as possible. This analysis information can be found under Analyse -> Analysis History and looks like this:

Application	Path	Date/Time ▼	Packages	Classes	Interfaces	Dependencies
Java Benchmark	D:\Software\Installed\D...	31-01-45447 12:01:26	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	31-01-45447 11:01:12	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	31-01-45447 07:01:31	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	30-01-45447 08:01:31	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	29-06-45433 02:06:58	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	23-01-45447 09:01:01	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	23-01-45447 02:01:08	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	22-01-45447 06:01:24	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	22-01-45447 04:01:16	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	21-01-45447 03:01:31	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	17-04-45436 02:04:53	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	16-10-45392 01:10:25	13	149	30	821
Java Benchmark	D:\Software\Installed\D...	14-04-45436 11:04:18	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	14-01-45447 09:01:51	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	13-10-45392 10:10:14	13	149	30	821
Java Benchmark	D:\Software\Installed\D...	13-01-45447 05:01:36	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	13-01-45447 01:01:16	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	12-01-45447 10:01:08	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	11-01-45447 10:01:14	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	10-01-45447 04:01:44	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	09-02-45447 08:02:03	13	149	30	414
Java Benchmark	D:\Software\Installed\D...	09-02-45447 01:02:56	13	149	30	414

ACTION LOG

The action log will show primary actions you've taken in HUSACCT. Say for example you've analysed a project. After analysing you'll see a message appear in the Action Log showing you the time you've analysed. The same goes for defining or validating. It is disabled by default and can be enabled in Tools -> Options -> General.