TEAM C8TEK

RAT-STATS 2017 Contributed Software
April 20, 2017

Description

The number of external libraries / dependencies used by RAT-STATS 2017 was intentionally kept low. There are currently two source code libraries and three external executables used by RAT-STATS 2017

The **catch** library

Name	Description
Library Name:	catch
Library URL:	https://github.com/philsquared/Catch
Library License (Boost Software License):	https://github.com/philsquared/Catch/blob/master/LICENSE.txt
Library Author:	Phil Nash (philsquared)
Usage in RAT-STATS 2017	Used for unit testing various components in RAT-STATS
Location in RAT-STATS 2017	rstats_source/common/contrib/catch

The **CommonUtils** library

Name	Description
Library Name:	common_utils
Library URL:	https://github.com/CBTek/CommonUtils
Library License (MIT):	https://github.com/cbtek/CommonUtils/blob/master/LICENSE
Library Author:	Corey Berry (CBTek,TeamCBTek)
Usage in RAT-STATS 2017	Provides hundreds of generic utility functions to ease coding in C++
Location in RAT-STATS 2017	rstats_source/common/utility

The **<u>unzip</u>** executable

Name	Description
Executable Name:	unzip.exe
Executable URL:	http://www.info-zip.org
Executable License:	http://www.info-zip.org/license.html
Executable Author(s):	http://www.info-zip.org/#People
Usage in RAT-STATS 2017	Used for extracting table information from xlsx files
Location in RAT-STATS 2017	rstats_source/products/RAT-STATS/rstats_contrib/unzip

The **<u>SourceGen</u>** executable

Name	Description
Executable Name:	sgen.exe, sgen_qt.exe
Executable URL:	https://github.com/cbtek/SourceGen
Executable License (MIT):	https://github.com/cbtek/SourceGen/blob/master/LICENSE
Library Author:	Corey Berry (CBTek,TeamCBTek)
Usage in RAT-STATS 2017	Generates Qt and C++ classes that conform to coding standard
Location in RAT-STATS 2017	TeamCBTek_Tools.zip

The **ProjectGen** executable

Name	Description
Executable Name(s):	pgen.exe, pgen_qt.exe
Executable URL:	https://github.com/cbtek/ProjectGen
Executable License (MIT):	https://github.com/cbtek/ProjectGen/blob/master/LICENSE
Library Author:	Corey Berry (CBTek,TeamCBTek)
Usage in RAT-STATS 2017	Generates CMake sub-projects that conform to coding standard. (This is one way to create internal module projects)
Location in RAT-STATS 2017	TeamCBTek_Tools.zip