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readme - PcodeReleaseUtility

Introduction: This tool will be helpful to release development code for production use.

Helps to release the developed code into a Pcode. It supports multiple release scenarios. * Package all the m-files into a single m-file. * Convert every m-file as a p-file and follow the development folder structure. * Convert every m-file as a p-file and move all the p-files into a single folder. * Create help m-file with only the comments along with p-files.

How to use: 1. Add PcodeReleaseUtility and PcodeReleaseUtility\utils folders into MATLAB path. 2. Run ">> pcodeGUI" in the MATLAB command window to run the tool

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Version: 1.0 - Initial Version. 1.1 - Added global checkbox to add/remove help files, Added API(releaseUtility.m) support for the tool.

Sample Usage:

Please note the files from the testcases/sample1 folder are selected to package that a pcode file.

PCode Generation Tool

Helps to release the developed code into a Pcode. It supports multiple release scenarios.

- * Package all the m-files into a single m-file.
- * Convert every m-file as a p-file and follow the development folder structure.
- * Convert every m-file as a p-file and move all the p-files into a single folder.
- * Create help m-file with only the comments along with p-files.

Add / Remove Files

	Help required	Files
1	<input checked="" type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\calculator.m
2	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\readme.txt
3	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\main function\add\addition.m
4	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\main function\divide\division.m
5	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\main function\modulus\modulusop.m
6	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\main function\multiply\multiplication.m
7	<input type="checkbox"/>	F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\main function\subtract\subtraction.m

Release Method :

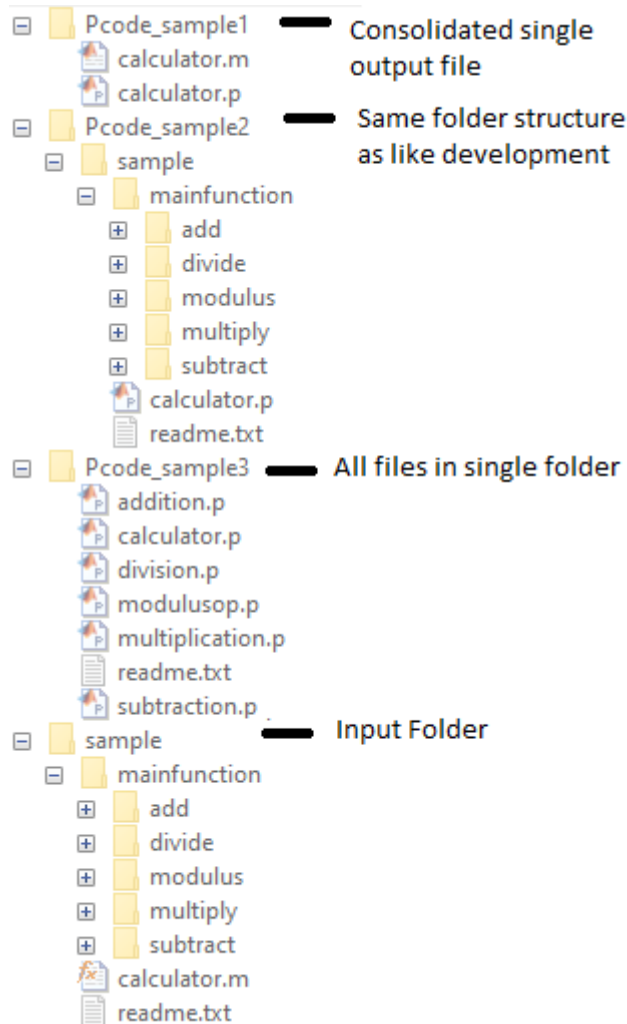
☒ Single PCode File
 Select Top File: F:\Work\internalprojects\PcodeReleaseUtility\testcases\sample\calculator.m

☐ Multiple Pcode Files
 ☐ Retain Folder Structure
 ☐ Generate Help Files(.m) for Multiple PCode Files

Output Path

F:\Work\internalprojects\PcodeReleaseUtility\testcases\Pcode_sample1

Different output formats.



API Support: releaseUtility

`releaseUtility(packagingMethod,folderOption,allFiles,helpChoice,mainFunctionPath,outputPath)` Helps to release the files in a required format. This will reduce the time and effort during the release process.

Syntax : >>
`releaseUtility(packagingMethod,folderOption,allFiles,helpChoice,mainFunctionPath,outputPath)`

`packagingMethod`: 'single' - For a pcode file. 'multiple' - For a multiple pcode files.

`folderOption`: This is applicable only for multiple `packagingMethod`. 'flat' - Files will be populated directly to the `outputPath` 'retain' - Files will be populated by retaining the relative folder structure.

`allFiles`: List of files in the development folder will be given in a cell array.

`helpChoice`: File-wise help choice (Logical array of n*1) true - Help required, false - Help not required.

`mainFunctionPath` - This is applicable only for single `packagingMethod`. Toplevel function path.

`outputPath`: Release folder path

Published with MATLAB® R2015b