Class Model

Diagrama de clases

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pfc

servidor

crypto

easy

checksum



Figure 1 : checksum

checksum::Checksum

Type: public Class {leaf}

Status: Proposed. Version 1.0. Phase 1.0.

Package: checksum

Details: Created on 16/07/2009 11:34:33. Modified on 16/07/2009 11:34:33. Author: Jose Antonio Jamilena Daza

Comprobador de suma.

checksum::Checksum Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| Checksum () | private: | no se podrÃ¡ instanciar. |
| checksum (String) | public static: long | param: fichero [ String - in ]   fichero  Obtiene la suma de comprobaciÃ³n del fichero dado. @return suma  throws = 'IOException' - @exception java.io.IOException error |

tcp



Figure 2 : tcp

tcp::FileReceiver

Type: public Class

Status: Proposed. Version 1.0. Phase 1.0.

Package: tcp

Details: Created on 16/07/2009 11:34:34. Modified on 16/07/2009 11:34:34. Author: Jose Antonio Jamilena Daza

Receptor de ficheros.

tcp::FileReceiver Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| receive (String, int) | public const: void | param: hostname [ String - in ]   host  param: port [ int - in ]   puerto  recibir. |
| receive2 (String, int) | public const: String | param: hostname [ String - in ]   host  param: port [ int - in ]   puerto  recibir. @return nombre fichero  throws = 'TCPException' - @exception TCPException error |

tcp::FileSender

Type: public Class

Status: Proposed. Version 1.0. Phase 1.0.

Package: tcp

Details: Created on 16/07/2009 11:34:34. Modified on 16/07/2009 11:34:34. Author: Jose Antonio Jamilena Daza.

Servicio que envia los ficheros de BBDD de estadisticas por TCP.

tcp::FileSender Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| port | private static : int | Puerto TCP. |
| file | private static : String | Nombre del fichero.  Initial Value: ""; |

tcp::FileSender Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| getPort () | public static: int | @return the port |
| setPort (int) | public static: void | param: aPort [ int - in ]   the port to set |
| getFile () | public static: String | @return the file |
| setFile (String) | public static: void | param: aFile [ String - in ]   the file to set |
| FileSender (String, int) | public: | param: fileToSend [ String - in ]   fichero  param: tcpPort [ int - in ]   puerto  Constructor. |
| runServer () | public const: void | Ejecutor. |

tcp::FileSender::Handler

Type: package Class  
 Implements: Thread.

Status: Proposed. Version 1.0. Phase 1.0.

Package: tcp

Details: Created on 16/07/2009 11:34:34. Modified on 16/07/2009 11:34:34. Author: Jose

Hilo de ejecuciÃ³n.

tcp::FileSender::Handler Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| sock | private : Socket | socket. |
| file | private : String | fichero. |

tcp::FileSender::Handler Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| Handler (Socket, String) | package: | param: s [ Socket - in ]   socket  param: fileToSend [ String - in ]   fichero  Constructor. |
| run () | public: void | metodo que ejecuta.  annotations = '@Override' |
| getSock () | public: Socket | @return the sock |
| setSock (Socket) | public: void | param: aSock [ Socket - in ]   the sock to set |
| getFile () | public: String | @return the file |
| setFile (String) | public: void | param: aFile [ String - in ]   the file to set |

tcp::TCPException

Type: public Class  
 Implements: Exception.

Status: Proposed. Version 1.0. Phase 1.0.

Package: tcp

Details: Created on 16/07/2009 11:34:34. Modified on 16/07/2009 11:34:34. Author: Jose Antonio Jamilena Daza

ExcepciÃ³n.

tcp::TCPException Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| TCPException () | public: | Creates a new instance of <code>TCPException</code> without detail message. |
| TCPException (String) | public: | param: msg [ String - in ]   the detail message.  Constructs an instance of <code>TCPException</code> with the specified detail message. |

util



Figure 3 : util

util::ChannelTools

Type: public Class {leaf}

Status: Proposed. Version 1.0. Phase 1.0.

Package: util

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Utilidades para trabajar con Channels.  
@see java.nio.channels.Channels

util::ChannelTools Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| ChannelTools () | private: | No instanciable. |
| fastChannelCopy (ReadableByteChannel, WritableByteChannel) | public static: void | param: src [ ReadableByteChannel - in ]   oringen  param: dest [ WritableByteChannel - in ]   destino  Copia rÃ¡pida por Channels.  throws = 'IOException' - @exception java.io.IOException error |