Class Model

Diagrama de clases

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pfc

servidor

chartserver



Figure 1 : chartserver

chartserver::ClientHandler

Type: package Class  
 Implements: Thread.

Status: Proposed. Version 1.0. Phase 1.0.

Package: chartserver

Details: Created on 16/07/2009 11:33:53. Modified on 16/07/2009 11:33:53. Author: Jose Antonio Jamilena Daza

Hilo de ejecuciÃ³n del servidor.

chartserver::ClientHandler Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| logger | private static : Logger | Logger.  Initial Value: Logger.getLogger(ClientHandler.class); |
| miSocketServidor | private : Socket | Socket. |
| nombreFichero | private : String | Nombre de fichero index para este hilo. |
| bufferSize | private const : int | TamaÃ±o del buffer de lectura.  Initial Value: 4096; |
| numGrupos | private const : int | NÃºmero de grupos de estadisticas.  Initial Value: 3; |
| longitudNombre | private const : int | Longitud del nombre de fichero.  Initial Value: 8; |

chartserver::ClientHandler Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| ClientHandler (Socket) | public: | param: s [ Socket - in ]   socket  Hilo de ejecuciÃ³n del navegado cliente. Genera un pÃ¡gina web para el explorador cliente segÃºn los datos disponibles. |
| run () | public: void | MÃ©todo que ejecuta el Thread.  annotations = '@Override' |

chartserver::Grafico

Type: package Class

Status: Proposed. Version 1.0. Phase 1.0.

Package: chartserver

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Objeto para definir un Grafico.

chartserver::Grafico Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| tituloEjeX | private : String | Titulo para el eje X. |
| tituloEjeY | private : String | Titulo para el eje Y. |
| lista | private : LinkedList < String > | lista de consultas. |

chartserver::Grafico Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| Grafico () | public: | Constructor. |
| Grafico (String, String, List<String>) | public: | param: tituloX [ String - in ]   nombre eje X  param: tituloY [ String - in ]   nombre eje Y  param: list [ List<String> - in ]   lista  Constructor. |
| getLista () | public: List<String> | Obtiene la lista. @return lista |
| setLista (List < String >) | public: void | param: list [ List < String > - in ]   lista  Establece la lista. |
| getTituloEjeX () | public: String | Obtiene nombre del eje X. @return nombre |
| setTituloEjeX (String) | public: void | param: tituloX [ String - in ]   nombre  Define el titulo del eje Y. |
| getTituloEjeY () | public: String | Obtiene nombre del eje Y. @return nombre |
| setTituloEjeY (String) | public: void | param: tituloY [ String - in ]   nombre  Define el titulo del eje Y. |

chartserver::GrupoConsulta

Type: public Class

Status: Proposed. Version 1.0. Phase 1.0.

Package: chartserver

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Objeto formado por una lista de consultas, y un nombre para dicho grupo.

chartserver::GrupoConsulta Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| titulo | private : String | Nombre del grupo. |
| lista | private : List < String > | Lista de consultas. |

chartserver::GrupoConsulta Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| GrupoConsulta (String, List < String >) | public: | param: titu [ String - in ]   nombre del grupo.  param: list [ List < String > - in ]   lista de consultas.  Constructor. |
| getTitulo () | public const: String | @return the titulo |
| setTitulo (String) | public const: void | param: titu [ String - in ]   the titulo to set |
| getLista () | public const: List < String > | @return the lista |
| setLista (List < String >) | public const: void | param: list [ List < String > - in ]   the lista to set |

chartserver::SQLUtils

Type: package Class {leaf}

Status: Proposed. Version 1.0. Phase 1.0.

Package: chartserver

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Utilidades SQL.

chartserver::SQLUtils Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| SQLUtils () | private: | No se permiten instancias. |
| consultaSQL2Grafico (Connection, String) | public static: Grafico | param: conn [ Connection - in ]   conexion JDBC  param: s [ String - in ]   sentencia SQL  Obtiene datos desde SQL y los convierte en Grafico. @return Grafico |
| listaGruposConsultas (Connection) | public static: List<GrupoConsulta> | param: conn [ Connection - in ]   conexion JDBC  Obtiene una lista de grupos de consulta. @return lista de grupos de consulta |

chartserver::Webserver

Type: public Class {leaf}

Status: Proposed. Version 1.0. Phase 1.0.

Package: chartserver

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Servidor web para mostras grÃ¡ficas con Google Charts.

chartserver::Webserver Attributes

|  |  |  |
| --- | --- | --- |
| Attribute | Type | Notes |
| configProperties | private static : Properties | properties de configuracion. |
| logger | private static : Logger | Logger.  Initial Value: Logger.getLogger(Webserver.class); |
| serverSocket | private static : ServerSocket | Socket servidor. |
| httpPort | private static : int | Puerto HTTP empleado. |

chartserver::Webserver Methods

|  |  |  |
| --- | --- | --- |
| Method | Type | Notes |
| Webserver () | private: | No se permiten instancias de la clase. |
| main (String[]) | public static: void | param: args [ String[] - in ]   puerto HTTP que abrirÃ¡, si se indica, usa el 80.  MÃ©todo principal.  throws = 'IOException,ClassNotFoundException' - @exception ClassNotFoundException no encuentra el driver JDBC @exception java.io.IOException Error. |
| getConfigProperties () | public static: Properties | @return the configProperties |
| setConfigProperties (Properties) | public static: void | param: aConfigProperties [ Properties - in ]   the configProperties to set |