

```
function [emptyPortfolioStockData] = createEmptyPortfolioStockData()

    % Definition of structure "portfolioStockData".

    % The time here is of the last day
    % of trading of the particular
    % stock.

    % Matrix of the value of the portfolio
    % at the time of closing each day
    % recorded in the list.

    % There will be a matrix containing
    % a table of transaction information
    % (stock, numShares, date, time,
    % buy/sell, price, etc). Each row
    % will be a transaction. This matrix
    % will be easily exported to a CSV
    % file later.

    % The "transactions" matrix has a table
    % of all the data for each transaction.
    % The columns, from left to right, are:
        % 01    transaction ('BUY' or 'SELL')
        % 02    year
        % 03    month
        % 04    day
        % 05    hour
        % 06    minute
        % 07    second
        % 08    stock symbol
        % 09    price
        % 10    number of shares
        % 11    total

    emptyPortfolioStockData = struct( ...
        'symbol',          '', ...
        'numShares',       0, ...
        'transactions',    {{{}}});

    return;

end
```