```
ORIGIN '~beta/basiclib/v1.5/systemenv';
INCLUDE '~beta/sysutils/v1.5/envstring';
INCLUDE 'sendToServer';
INCLUDE 'parseParam';

-- program: descriptor --
systemenv
(# response: @text;
   parameters,theData,field1,field2: ^text;
   fieldNo: @integer;
do
   '$(QUERY_STRING)' -> ExpandEnvVar
   (# defaultValue::< (# do '' -> envvarvalue[]; #) #)
     -> parameters[];
   '&' -> parameters.put; (* terminate with & *)
   'Content-type: text/html' -> response.putLine;
   '\n'  -> response.put;

   '<HTML><HEAD>' -> response.putLine;
   '<TITLE> Acknowledgement </TITLE>' -> response.putLine;
   '</HEAD><BODY>' -> response.putLine;

   '<H3>' -> response.putLine;
   'Thanks for your effort! <p>' -> response.putline;
   '</H3>' -> response.putLine;

   &text[] -> field1[]; &text[] -> field2[];

   parameters -> parseParams
   (# do  (* iterates over the fields in parameters *)

      (* For generating response *)
      fieldname[] -> response.putLine; ':<br> ' -> response.putline;
      contents[] ->  response.putLine; '<P> ' -> response.putline;

      (* For the database *)
      (if fieldno
       // 1 then contents -> field1
       // 2 then contents -> field2
      if);

   #);
```

```
  (* composing data for the database *)

  &text[] -> theData[];  2 -> theData.putInt; (* opCode for put *)

  ',"' -> theData.putText; 'answer'  -> theData.putText; '"+"' -> theData.putText;
  '<a href="' -> theData.putText; field2[] -> theData.putText; '">' -> theData.putText;
  field1[] -> theData.putText; '</a>'  -> theData.putText; '",' -> theData.puttext;

  (* send the data to the webserver via specified port number *)
  (9000,theData[]) -> sendToWebServer;

  (* Return response to the browser *)
  '</H4>' -> response.putLine;
  '</BODY></HTML>' -> response.putLine;
  '\n'  -> response.put;
  response[] -> screen.putLine;

#)
```