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*&-----*
*& Report  ZEMAIL_CL_BCS                                     *
*&-----*
*& Mauricio Lauffer
*&-----*

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```
REPORT  zemail_cl_bcs.
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CONSTANTS:

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gc_subject TYPE so_obj_des VALUE 'subject line',
gc_raw     TYPE char03 VALUE 'RAW'.

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DATA:

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gv_mlrec      TYPE so_obj_nam,
gv_sent_to_all TYPE os_boolean,
gv_email      TYPE adr6-smtp_addr,
gv_subject    TYPE so_obj_des,
gv_text       TYPE bcsy_text,
gr_send_request TYPE REF TO cl_bcs,
gr_bcs_exception TYPE REF TO cx_bcs,
gr_recipient  TYPE REF TO if_recipient_bcs,
gr_sender     TYPE REF TO cl_sapuser_bcs,
gr_document   TYPE REF TO cl_document_bcs.

```

TRY.

```

"Create send request
gr_send_request = cl_bcs=>create_persistent( ).

"Email FROM...
gr_sender = cl_sapuser_bcs=>create( sy-uname ).
"Add sender to send request
CALL METHOD gr_send_request->set_sender
EXPORTING
    i_sender = gr_sender.

"Email TO...
gv_email = 'harry.potter@outlook.com'.
gr_recipient = cl_cam_address_bcs=>create_internet_address( gv_email ).
"Add recipient to send request
CALL METHOD gr_send_request->add_recipient
EXPORTING
    i_recipient = gr_recipient
    i_express   = 'X'.

"Email BODY
APPEND 'Hello world! My first ABAP email!' TO gv_text.
gr_document = cl_document_bcs=>create_document(
    i_type      = gc_raw
    i_text      = gv_text
    i_length    = '12'
    i_subject   = gc_subject ).

"Add document to send request
CALL METHOD gr_send_request->set_document( gr_document ).

"Send email
CALL METHOD gr_send_request->send(
EXPORTING
    i_with_error_screen = 'X'
RECEIVING
    result               = gv_sent_to_all ).
IF gv_sent_to_all = 'X'.
    MESSAGE 'email sent' TYPE 'S'.

```

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ELSE.  
    MESSAGE 'error' TYPE 'E'.  
ENDIF.  
"Commit to send email  
COMMIT WORK.  
"Exception handling  
CATCH cx_bcs INTO gr_bcs_exception.  
WRITE:  
    'Error!',  
    'Error type:',  
    gr_bcs_exception->error_type.  
ENDTRY.
```