



PL/PDF reporting in APEX environment

v2.3.1

This page shows how to call a PL/PDF report from APEX (HTML DB). Please follow these steps:

- Create an APEX page that has form fields that serve as parameters to the report
- The APEX page should also contain a button that when pressed, the values of the parameter fields are passed to the report and the report is opened in another window
- The APEX page in the background in the meantime jumps to another APEX page

Detailed steps:

- Create the PL/PDF report: The report has a P_SESSION_ID parameter that receives the actual runtime application ID. The report code has to contain a PLPDF_SESSION_IS_VALID function that verifies the session ID. If the session is invalid it returns a FALSE value and the PL/PDF report fails with an error message. If the session is valid it returns a TRUE value and prepares the PDF output according to the transferred parameters. Example:

```
CREATE OR REPLACE PROCEDURE REP1(p_session_id NUMBER, p_par1 NUMBER) IS
l_blob BLOB;
BEGIN
IF PLPDF_SESION_IS_VALID(p_session) THEN
<< PL/PDF API Calls Here >>
ELSE
htp.p('Invalid Session');
END IF;
END;
/
```

- The next step is to prepare the APEX page that the APEX parameter page will automatically call after the report is generated. This could be an already existing page.
- Now only the APEX parameter page that actually calls the PL/PDF report must be prepared:
 - Create the input items that will serve as parameters to the PL/PDF report.
 - The "HTML Header" section should contain the following JavaScript:

```
<script language="JavaScript" type="text/javascript">
function callMyRep() {
var formVal1 = document.getElementById('P_PAR1').value;
var url;
url = 'rep1?p_session_id=&SESSION.'+'&p_par1='+ formVal1;
window.location.href='f?p=&APP_ID.:12:&SESSION.';
w = open(url,"winRep","Scrollbars=1,resizable=1,width=800,height=600");
```



```
if (w.opener == null)
w.opener = self;
w.focus();
}
</script>
```

Where "12" is the ID of the page, that is called automatically by the APEX parameter page.

c. Create the button that will call the PL/PLDF report. This button points to a URL that is returned by the JavaScript:

```
javascript:callMyRep();
```

This insures the integration of the PL/PDF report into APEX by only allowing sessions from APEX to call the PL/PDF reports.