

Creating a Procedure

```
CREATE PROCEDURE sp_GetPhotoViews()
BEGIN
  DECLARE v_member_id int;
  DECLARE v_pub_photo_viewcount int DEFAULT 0;
  DECLARE v_pri_photo_viewcount int DEFAULT 0;
  DECLARE v_frd_photo_viewcount int DEFAULT 0;
  DECLARE v_member_cursor CURSOR FOR SELECT ID, 'Name' FROM Member;

  CREATE TEMPORARY TABLE member_photo_viewcount (member_id int, public_photo_viewcount int, private_photo_viewcount int, friends_photo_viewcount int);

  OPEN v_member_cursor;

  FETCH v_member_cursor into v_member_id;
  BEGIN
    SELECT SUM('View') INTO v_pub_photo_viewcount FROM Photo WHERE Privacy = 'Public' AND MemberID = member_id;
    SELECT SUM('View') INTO v_pri_photo_viewcount FROM Photo WHERE Privacy = 'Only You' AND MemberID = member_id;
    SELECT SUM('View') INTO v_frd_photo_viewcount FROM Photo WHERE Privacy = 'Friends' AND MemberID = member_id;

    INSERT INTO member_photo_viewcount VALUES (v_member_id, v_pub_photo_viewcount, v_pri_photo_viewcount, v_frd_photo_viewcount);
    FETCH v_member_cursor into v_member_id;
  END;

  CLOSE v_member_cursor;

  SELECT * FROM member_photo_viewcount;
  DROP TABLE member_photo_viewcount;
END
```

Triggers and Stored Procedures

Creating a Procedure

1. Drag **Stored Procedures** from diagram toolbar to diagram.
2. Name it.
3. Right click on the Procedures shape and select **New Procedure** from the popup menu.
4. Enter the physical name of the procedure.
5. Right click on the procedure and select **Open Specification...** from the popup menu.
6. Enter the **Create statement** of procedure.
7. Click **OK** to confirm editing.

Procedure Specification

References | Project Management | Quality | Comments
General | Parameters | Stereotypes | Tagged Values | Traceability

Name: sp_GetPhotoViews

Return resultset: <Unspecified>

Data model: Physical

Create statement:

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  DECLARE v_member_cursor CURSOR FOR SELECT ID, 'Name' FROM Member;

  CREATE TEMPORARY TABLE member_photo_viewcount (member_id int,
```

Description:

Reset OK Cancel Apply Help

Triggers and Stored Procedures