# deploy.SetRevokeRolePermissions – How-To Guide

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## Summary

Revokes users from roles, removes table/function access, and optionally drops roles. Supports dry-run logging and full execution.

## Usage Instructions

Call with appropriate parameters based on what you want to revoke. Format:  
  
 SELECT deploy.SetRevokeRolePermissions(  
 p\_role\_names,  
 p\_users\_to\_remove,  
 p\_schema\_targets,  
 p\_revoke\_table\_privileges,  
 p\_revoke\_function\_privileges,  
 p\_drop\_roles,  
 p\_execute\_flag  
 );

## Examples

1. Remove users from role:  
 SELECT deploy.SetRevokeRolePermissions(ARRAY['dev\_role'], ARRAY['dev1'], NULL, NULL, NULL, FALSE, TRUE);  
  
2. Revoke SELECT from schema tables:  
 SELECT deploy.SetRevokeRolePermissions(ARRAY['reader'], NULL, ARRAY['public'], ARRAY['SELECT'], NULL, FALSE, TRUE);  
  
3. Revoke EXECUTE on functions (dry-run):  
 SELECT deploy.SetRevokeRolePermissions(ARRAY['app\_role'], NULL, ARRAY['api'], NULL, ARRAY['EXECUTE'], FALSE, FALSE);  
  
4. Fully revoke and drop roles:  
 SELECT deploy.SetRevokeRolePermissions(ARRAY['qa\_team'], ARRAY['qa\_user'], ARRAY['qa\_schema'], ARRAY['SELECT'], ARRAY['EXECUTE'], TRUE, TRUE);

## Parameters

- `p\_role\_names`: TEXT[] – Target roles for revocation  
- `p\_users\_to\_remove`: TEXT[] – Optional users to remove from role  
- `p\_schema\_targets`: TEXT[] – Schemas to revoke from  
- `p\_revoke\_table\_privileges`: TEXT[] – e.g. SELECT, INSERT  
- `p\_revoke\_function\_privileges`: TEXT[] – e.g. EXECUTE  
- `p\_drop\_roles`: BOOLEAN – Drop roles after revocation  
- `p\_execute\_flag`: BOOLEAN – TRUE to run, FALSE for dry-run

## TL;DR

Revoke privileges and remove users from roles. Optionally drop roles. Dry-run friendly and schema-aware.