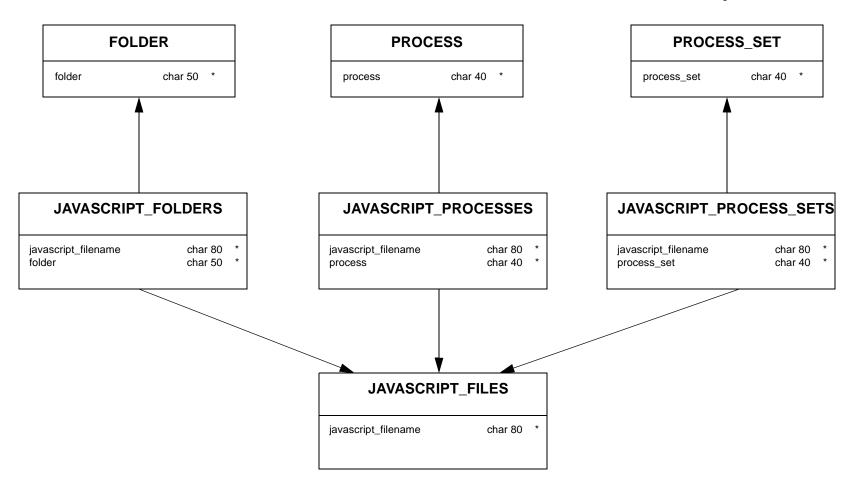


Appaserver Database Schema

Page 3 **Javascript Subschema**



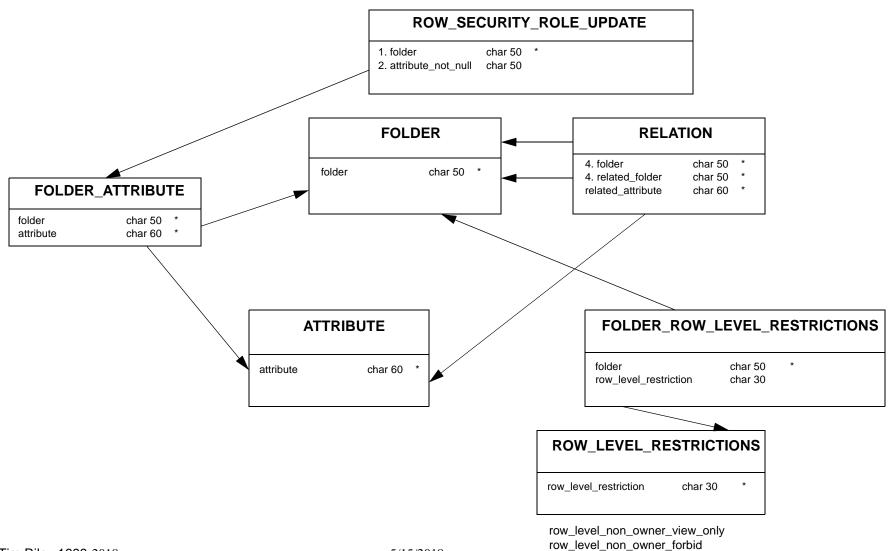
Security Subschema LOGIN DEFAULT ROLE login_name char 40 * char 25 role **ROLE FOLDER ROLE** role char 25 **ROLE APPASERVER USER** role char 25 folder char 50 folder_count_yn char 1 permission char 6 override_row_restrictions_yn char 1 login_name char 40 role char 25 **FOLDER** pair one to many folder char 50 * If ENTITY, then not used ATTRIBUTE_EXCLUDE pair one to many APPASERVER_USER role char 25 char 60 attribute login_name char 40 **PERMISSIONS** permission char 6 full_name char 60 password char 15 user_date_format char 15 permission char 6 **ATTRIBUTE** update insert attribute char 60 lookup APPASERVER_SESSIONS DATE_FORMATS appaserver_session char 10 date_format char 15 login_name char 40 login_date date login_time char 4 last_access_date date last_access_time char 4 http_user_agent char 80

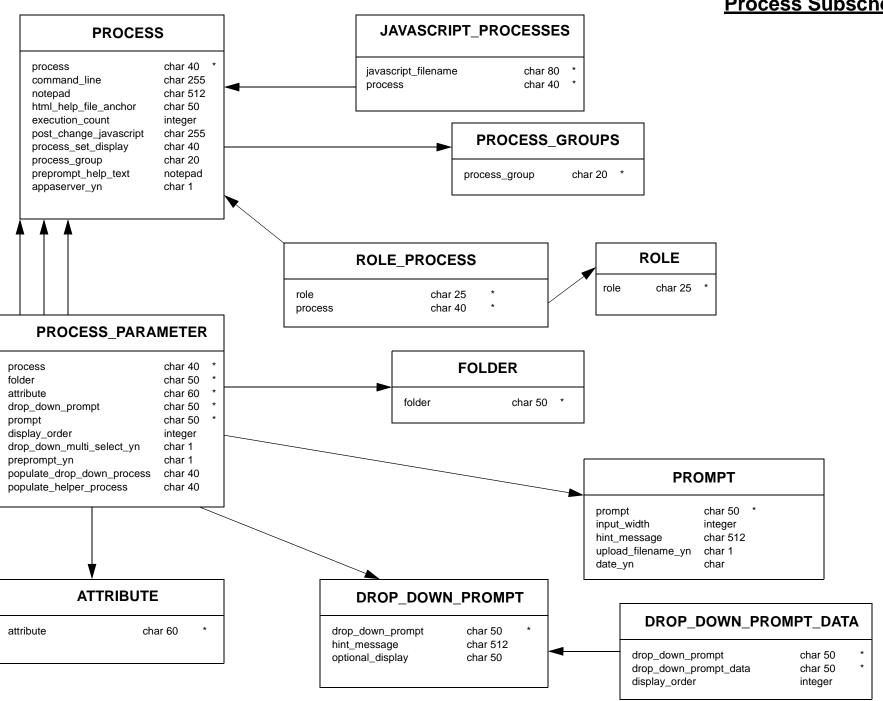
remote_ip_address

char 15

Security Subschema

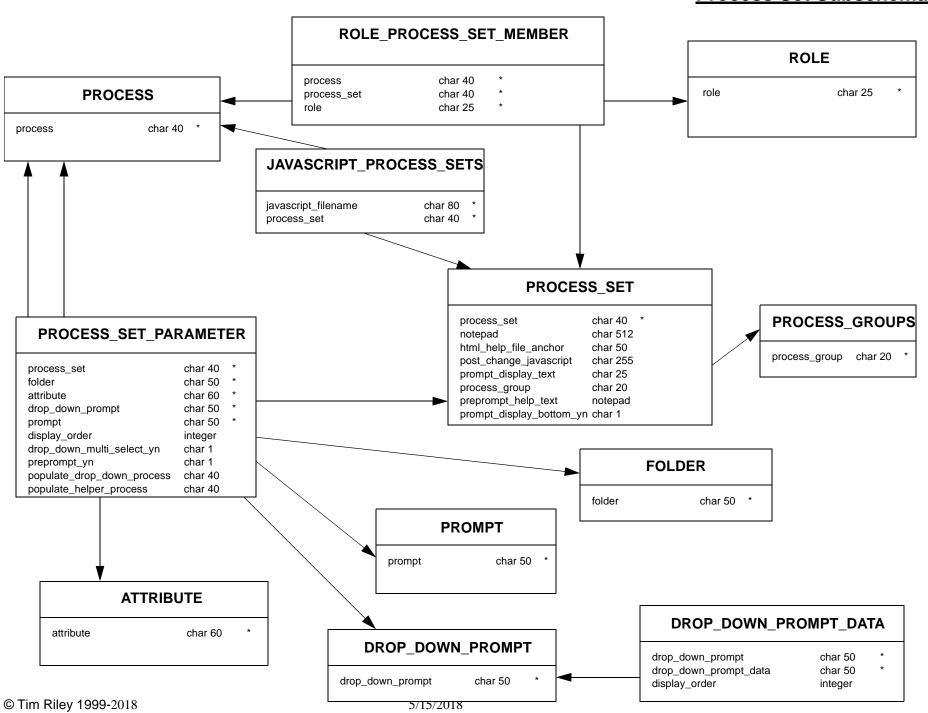
- 1. For every row in a participating folder ...
- 2. If attribute_not_null is not null, then ...
- 3. Only allow ROLE.override_row_restrictions_yn update permissions. All other roles get view-only.
- 4. View-only permissions also for all rows in recursive 1:m related folders. See hydrology: MEASUREMENT <-- MEASUREMENT_BACKUP.

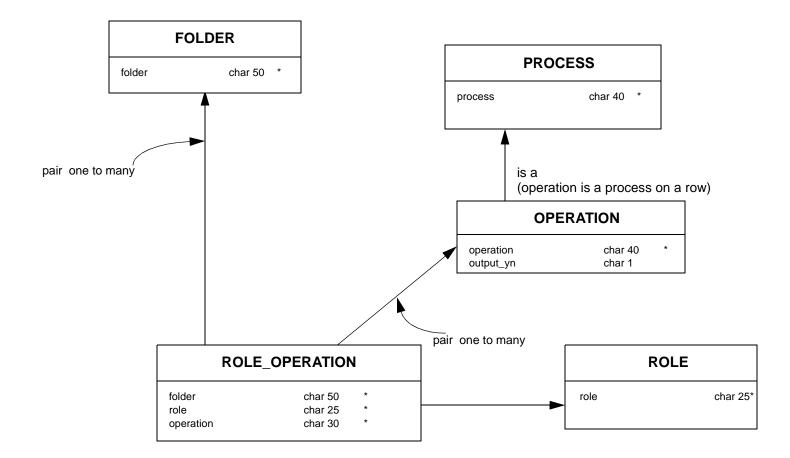




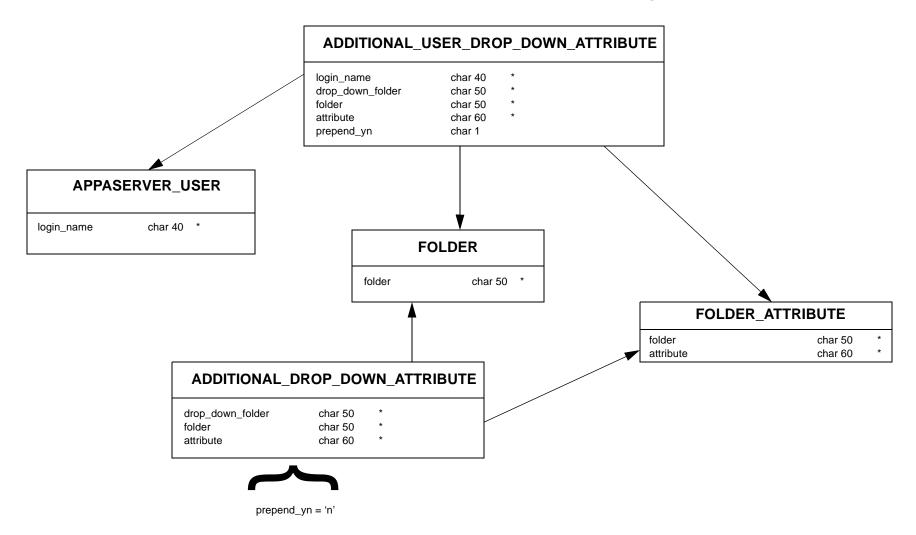
Appaserver Database Schema

Page 7
Process Set Subschema





Page 9 Additional Drop Down Attribute Subschema



Process Generic Output Subschema

