

| proposal_category [table]     |               |
|-------------------------------|---------------|
| proposal_category_id          | int4 not null |
| proposal_category_name        | varchar       |
| proposal_category_description | varchar       |
| created_at                    | timestamp     |
| updated_at                    | timestamp     |

| proposal [table]     |                  |
|----------------------|------------------|
| proposal_id          | varchar not null |
| group_id             | varchar          |
| pi_first_name        | varchar          |
| pi_last_name         | varchar          |
| pi_middle_name       | varchar          |
| rank                 | float8(17, 17)   |
| grade                | varchar          |
| allocated_time       | float8(17, 17)   |
| proposal_category_id | int4             |
| created_at           | timestamp        |
| updated_at           | timestamp        |

| target_type [table]     |               |
|-------------------------|---------------|
| target_type_id          | int4 not null |
| target_type_name        | varchar       |
| target_type_description | varchar       |
| created_at              | timestamp     |
| updated_at              | timestamp     |

| input_catalog [table]     |               |
|---------------------------|---------------|
| input_catalog_id          | int4 not null |
| input_catalog_name        | varchar       |
| input_catalog_description | varchar       |
| created_at                | timestamp     |
| updated_at                | timestamp     |

| target [table]         |  |
|------------------------|--|
| target_id              | bigserial not null<br>auto-incremented |
| proposal_id            | varchar                                |
| obj_id                 | int8                                   |
| ra                     | float8(17, 17)                         |
| "dec"                  | float8(17, 17)                         |
| epoch                  | varchar                                |
| tract                  | int4                                   |
| patch                  | int4                                   |
| target_type_id         | int4                                   |
| input_catalog_id       | int4                                   |
| fiber_mag_g            | float8(17, 17)                         |
| fiber_mag_r            | float8(17, 17)                         |
| fiber_mag_i            | float8(17, 17)                         |
| fiber_mag_z            | float8(17, 17)                         |
| fiber_mag_y            | float8(17, 17)                         |
| fiber_mag_j            | float8(17, 17)                         |
| psf_mag_g              | float8(17, 17)                         |
| psf_mag_r              | float8(17, 17)                         |
| psf_mag_i              | float8(17, 17)                         |
| psf_mag_z              | float8(17, 17)                         |
| psf_mag_y              | float8(17, 17)                         |
| psf_mag_j              | float8(17, 17)                         |
| psf_flux_g             | float8(17, 17)                         |
| psf_flux_r             | float8(17, 17)                         |
| psf_flux_i             | float8(17, 17)                         |
| psf_flux_z             | float8(17, 17)                         |
| psf_flux_y             | float8(17, 17)                         |
| psf_flux_j             | float8(17, 17)                         |
| priority               | float8(17, 17)                         |
| effective_exptime      | float8(17, 17)                         |
| is_medium_resolution   | bool                                   |
| qa_relative_throughput | float8(17, 17)                         |
| qa_relative_noise      | float8(17, 17)                         |
| qa_reference_lambda    | float8(17, 17)                         |
| created_at             | timestamp                              |
| updated_at             | timestamp                              |

| fluxstd [table]  |  |
|------------------|--|
| fluxstd_id       | bigserial not null<br>auto-incremented |
| obj_id           | int8                                   |
| ra               | float8(17, 17)                         |
| "dec"            | float8(17, 17)                         |
| epoch            | varchar                                |
| tract            | int4                                   |
| patch            | int4                                   |
| target_type_id   | int4                                   |
| input_catalog_id | int4                                   |
| psf_mag_g        | float8(17, 17)                         |
| psf_mag_r        | float8(17, 17)                         |
| psf_mag_i        | float8(17, 17)                         |
| psf_mag_z        | float8(17, 17)                         |
| psf_mag_y        | float8(17, 17)                         |
| psf_mag_j        | float8(17, 17)                         |
| psf_flux_g       | float8(17, 17)                         |
| psf_flux_r       | float8(17, 17)                         |
| psf_flux_i       | float8(17, 17)                         |
| psf_flux_z       | float8(17, 17)                         |
| psf_flux_y       | float8(17, 17)                         |
| psf_flux_j       | float8(17, 17)                         |
| prob_f_star      | float8(17, 17)                         |
| flag_dist        | bool                                   |
| flag_ebv         | bool                                   |
| created_at       | timestamp                              |
| updated_at       | timestamp                              |

PFS Target Database (Prototype)

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