

Example policies for cdb_medical in agile-db:

example/policies/example_db.json

```
database:  cdb_medical
read:
    owner (default: agile)  +
    doctor                  +
write:
    doctor                  +
```

Policy tests:

```
Own - read:  m_i:      ok
Doc - read:  m_i:      ok
Doc - write: m_i-id:   ok
Par - read:  p_d:      nok
Par - read:  h_d:      nok
Own - write: p_d-id:   nok
```

example/policies/example_db-tables.json

```
database:  cdb_medical
table:     patient_data
read:
    owner (default: agile)  ●
    doctor                  ●
    paramedic               +
write:
    doctor                  ●
    owner (default: agile)  +

database:  cdb_medical
table:     history_data
read:
    owner (default: agile)  ●
    doctor                  ●
    paramedic               +
write:
    doctor                  ●
```

Policy tests:

```
Own - read:  p_d:      ok
Doc - read:  p_d:      ok
Par - read:  p_d:      ok
Doc - write: p_d-id:   ok
Own - write: p_d-id:   ok

Own - read:  h_d:      ok
Doc - read:  h_d:      ok
Par - read:  h_d:      ok
Doc - write: h_d-e_a:  ok

Par - write: p_d:      nok
Par - write: h_d-e_a:  nok
```

example/policies/example_db-columns.json

```
database:  cdb_medical
table:     patient_data
column:    excessive_alcohol
read:
    owner (default: agile)  ●
    doctor                  ●
    paramedic               ●
write:
    doctor                  ●
    paramedic               +
```

Policy tests:

```
Own - read:  h_d-e_a:  ok
Doc - read:  h_d-e_a:  ok
Par - read:  h_d-e_a:  ok
Doc - write: h_d-e_a:  ok
Own - write: h_d-e_a:  ok

Own - write: h_d-e_a:  nok
```

Policies are inherited, starting with the evaluation of policies for a database, followed by policies for a database table and finally by policies for a database column.

- inherited policy
- + added policy

```
h_d: history_data
p_d: patient_data
m_e: medical_information
e_a: excessive_alcohol
```