

A banner image for Acumatica Virtual DevCon 2022. It features a hand pointing at a screen with code, overlaid with a blue grid and colorful bokeh lights. The text 'Acumatica Virtual DevCon 2022' is in the top left, and 'June 15-16' is below it.

Acumatica
Virtual DevCon
2022

June 15-16



Acumatica Web Services

Samuel-Olivier Lavigueur

Senior Technical Account Manager

Acumatica

Agenda

✓ Concepts

- Endpoint
- Type of request
- Authentication
- Parameters
- Fields
- Headers
- License

✓ Demo

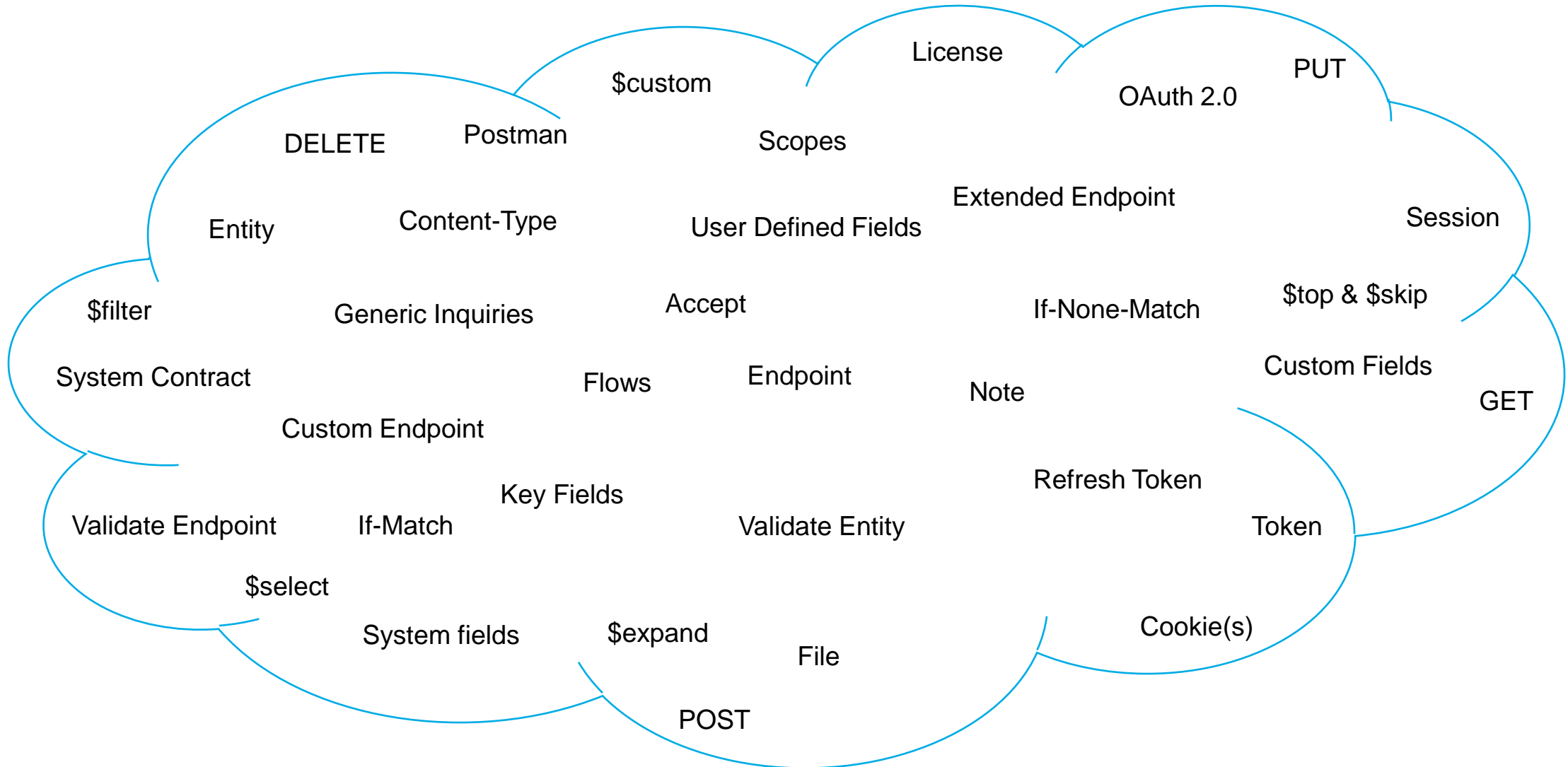
- GET/PUT/POST
- OAuth token

✓ Sneak Peak

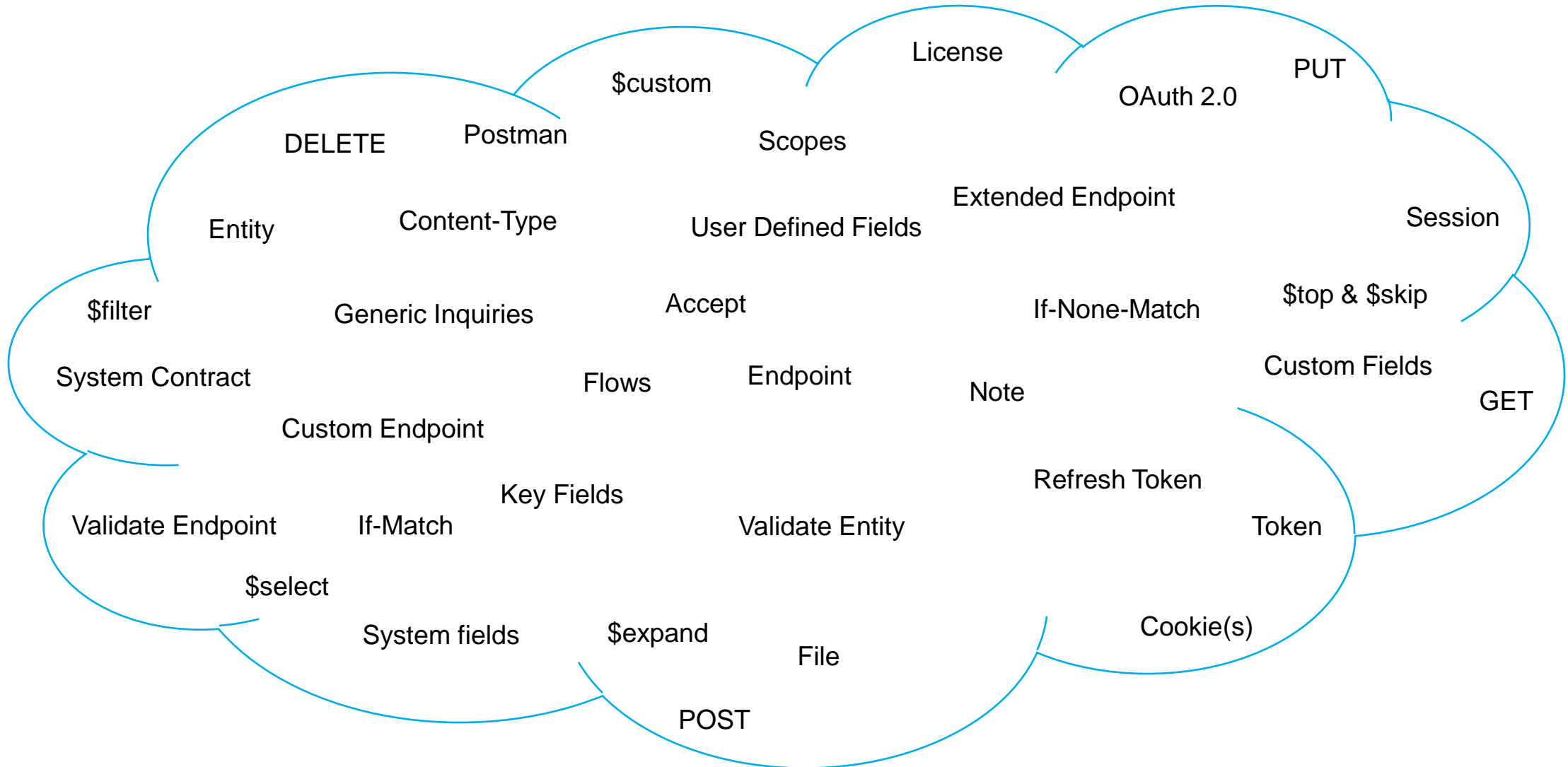
```
ext.AddScreenConfigurationFor(screen =>
    screen
    StateIdentifierIs<status>()
    AddDefaultFlow(flow =>
        flow
        .WithFlowStates(fss =>
            {
                fss.Add(initialState, -flowState => -flowSt
                fss.Add<State.hold>(flowState => ...);
                fss.Add<State.open>(flowState => ...);
                fss.Add<State.confirmed>(flowState => ...);
                fss.Add<State.partiallyInvoiced>(flowStat
                fss.Add<State.invoiced>(flowState => ...);
                fss.Add<State.completed>(flowState => ...);
            })
        .WithTransitions(transitions =>
            {
                transitions.AddGroupFrom(initialState, -ts
                transitions.AddGroupFrom<State.hold>(ts =
                transitions.AddGroupFrom<State.open>(ts =
                {
                    ts.Add(t => t.To<State.hold>().IsTrig
                    ts.Add(t => t.To<State.confirmed>().I
                });
                transitions.AddGroupFrom<State.confirmed>
                {
                    ts.Add(t => t.To<State.open>().IsTrig
                    ts.Add(t => t.To<State.invoiced>().Is
                    ts.Add(t => t.To<State.partiallyInvoi
                });
                transitions.AddGroupFrom<State.partiallyI
                transitions.AddGroupFrom<State.invoiced>(
                transitions.AddGroupFrom<State.completed>
            )))
    ))
```

Concepts

Concepts



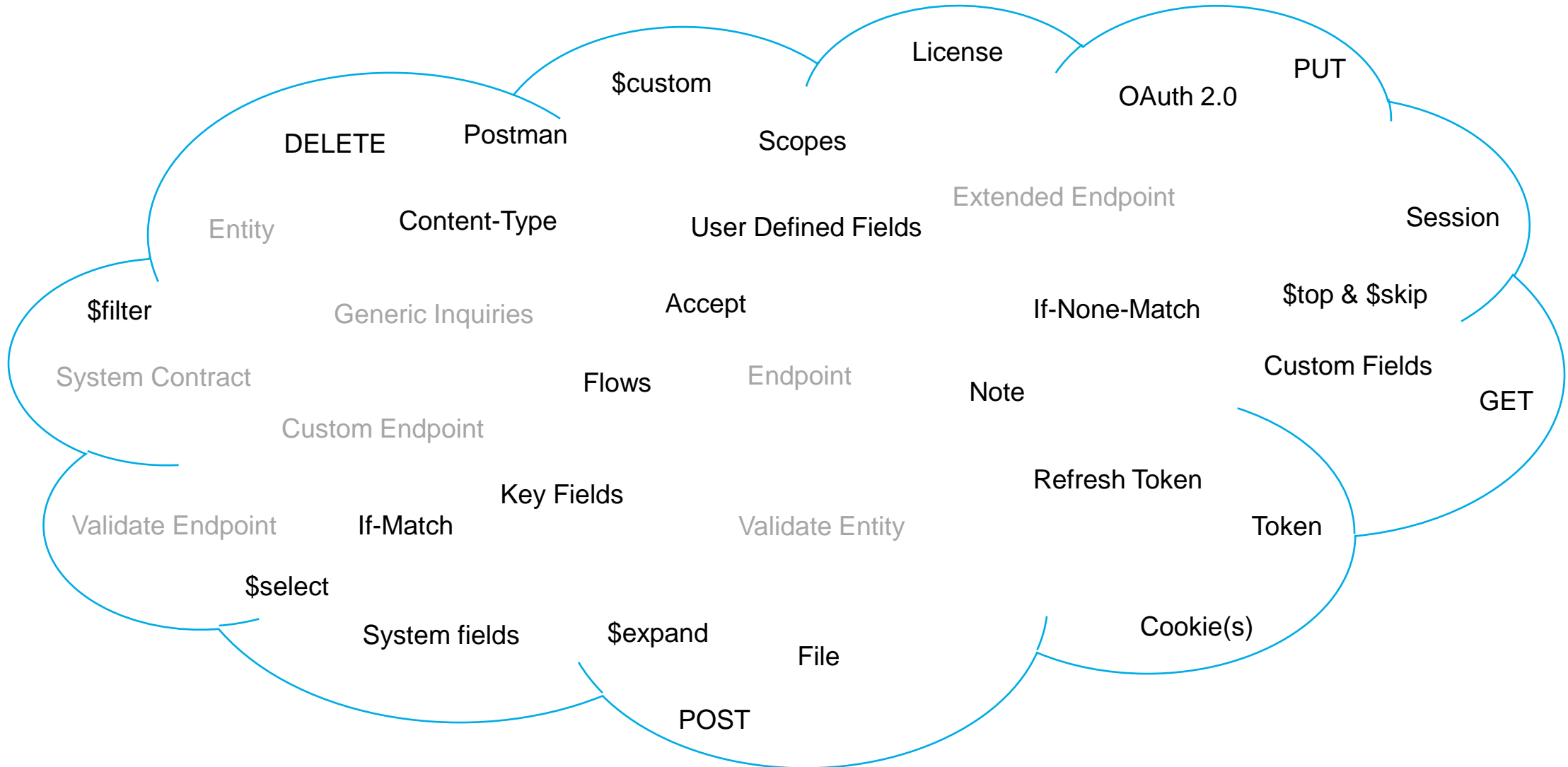
Endpoint



Endpoint

- Endpoint
- System Contract
- Custom Endpoint
- Extended Endpoint
- Entity
- Validate Endpoint
- Validate Entity
- Generic inquiry

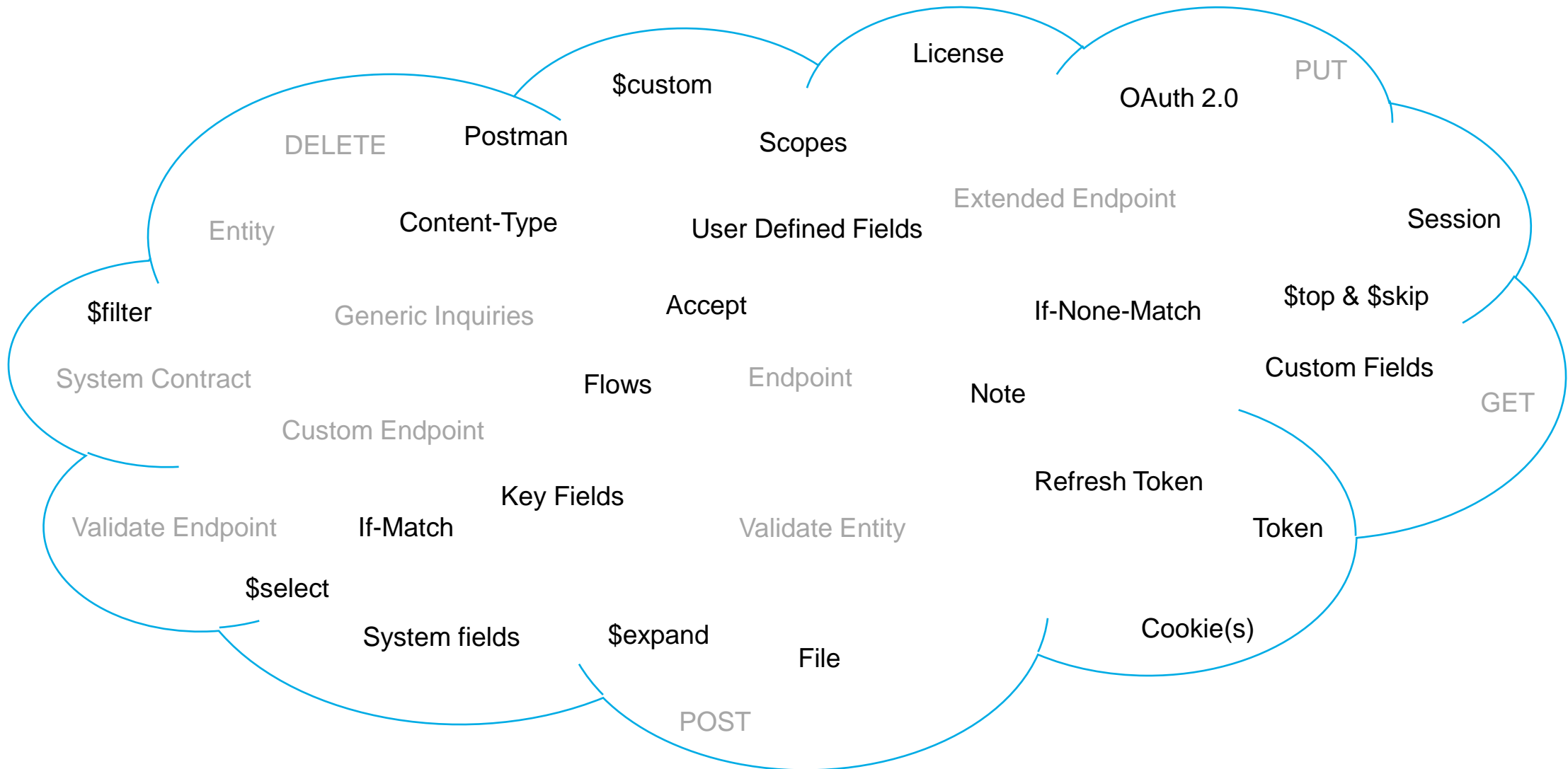
Type Of Request



Type Of Request

- GET
- PUT
- POST
- DELETE

Authentication



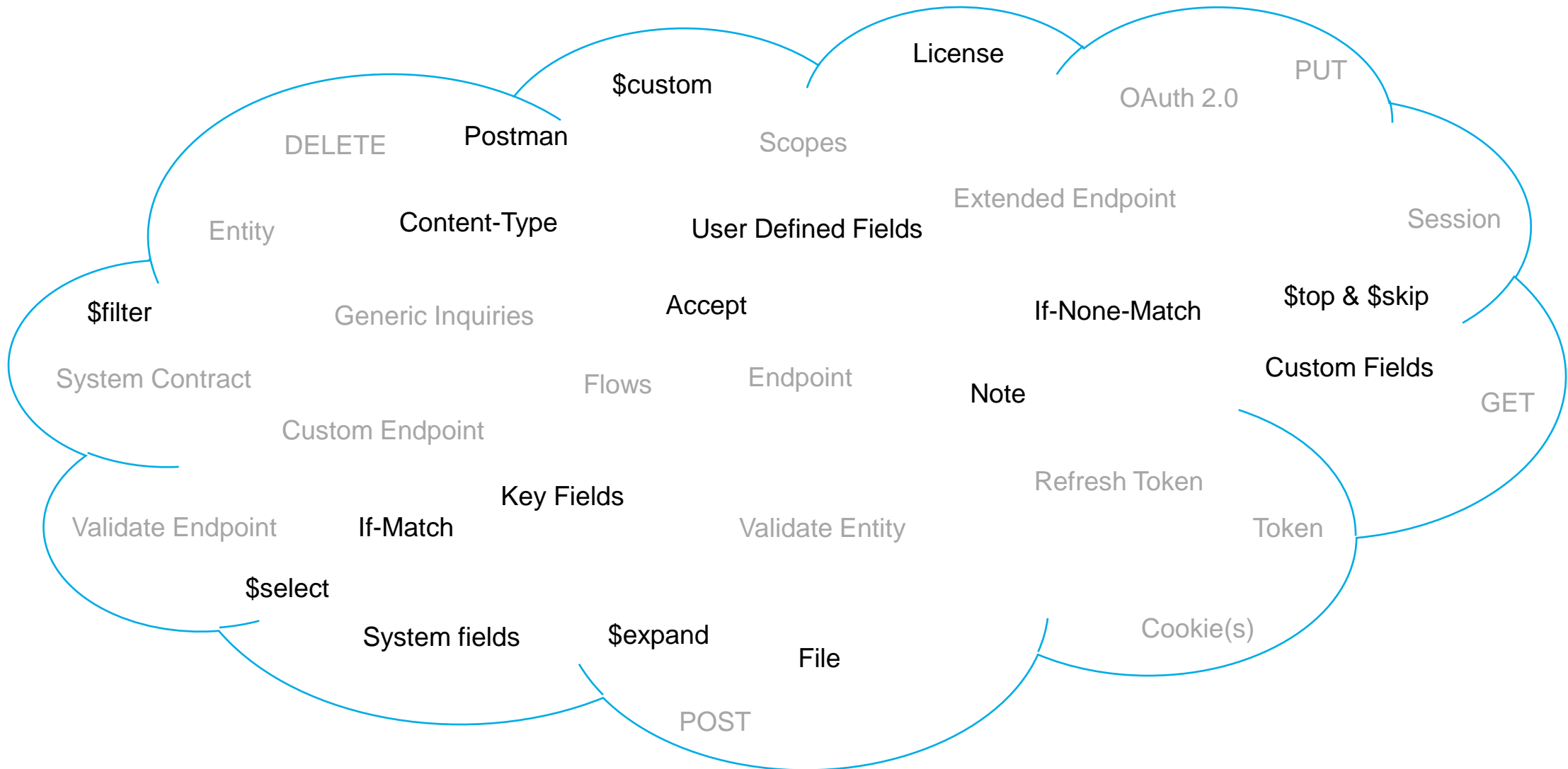
Authentication

- Sign In
 - Login & Logout request

- OAuth 2.0
 - Password
 - Implicit
 - Authorization Code

- Scope
 - api
 - offline_access
 - api:concurrent_access

Parameter



Parameters

\$expand

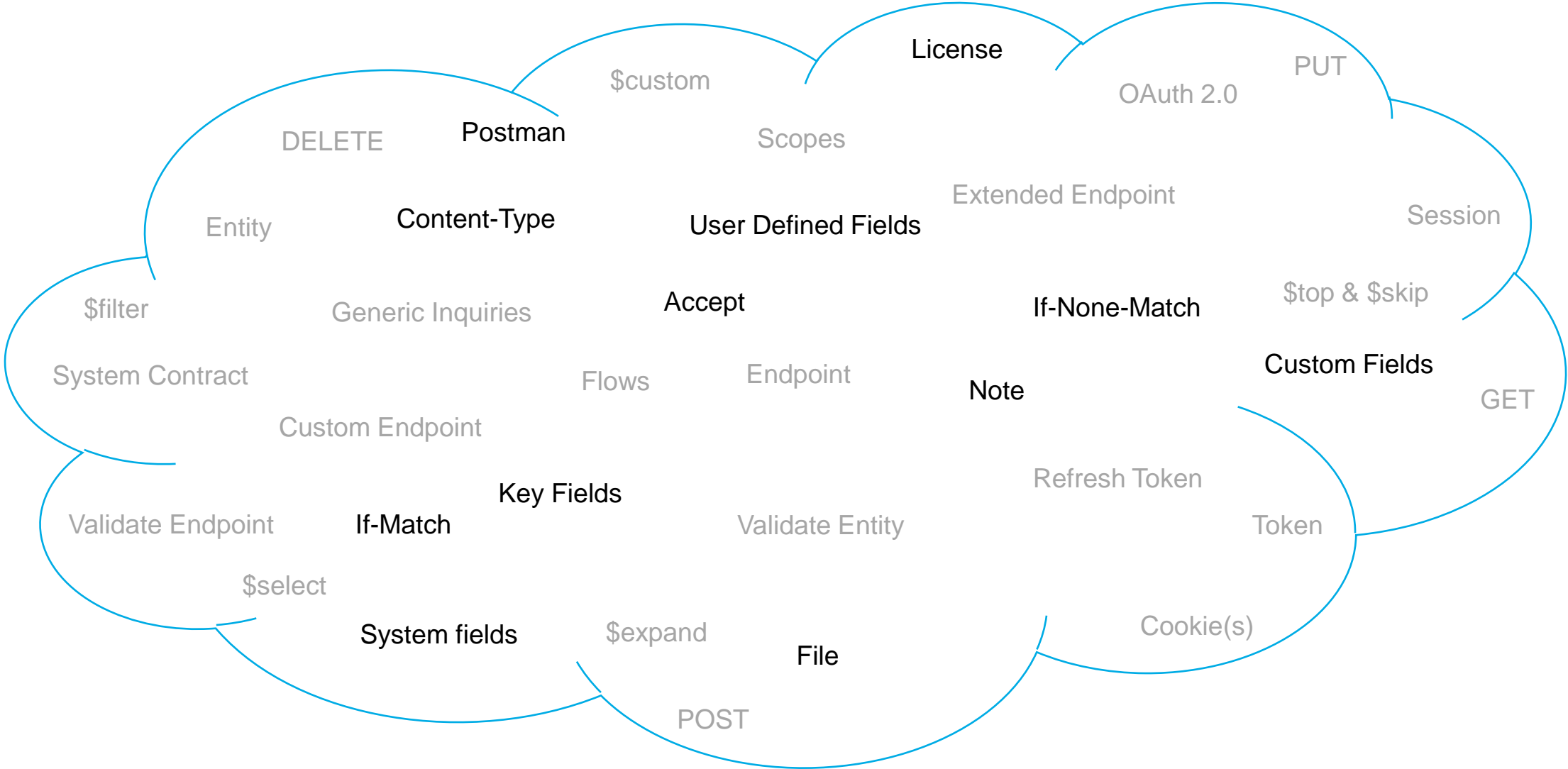
\$filter

\$select

\$top & \$skip

\$custom

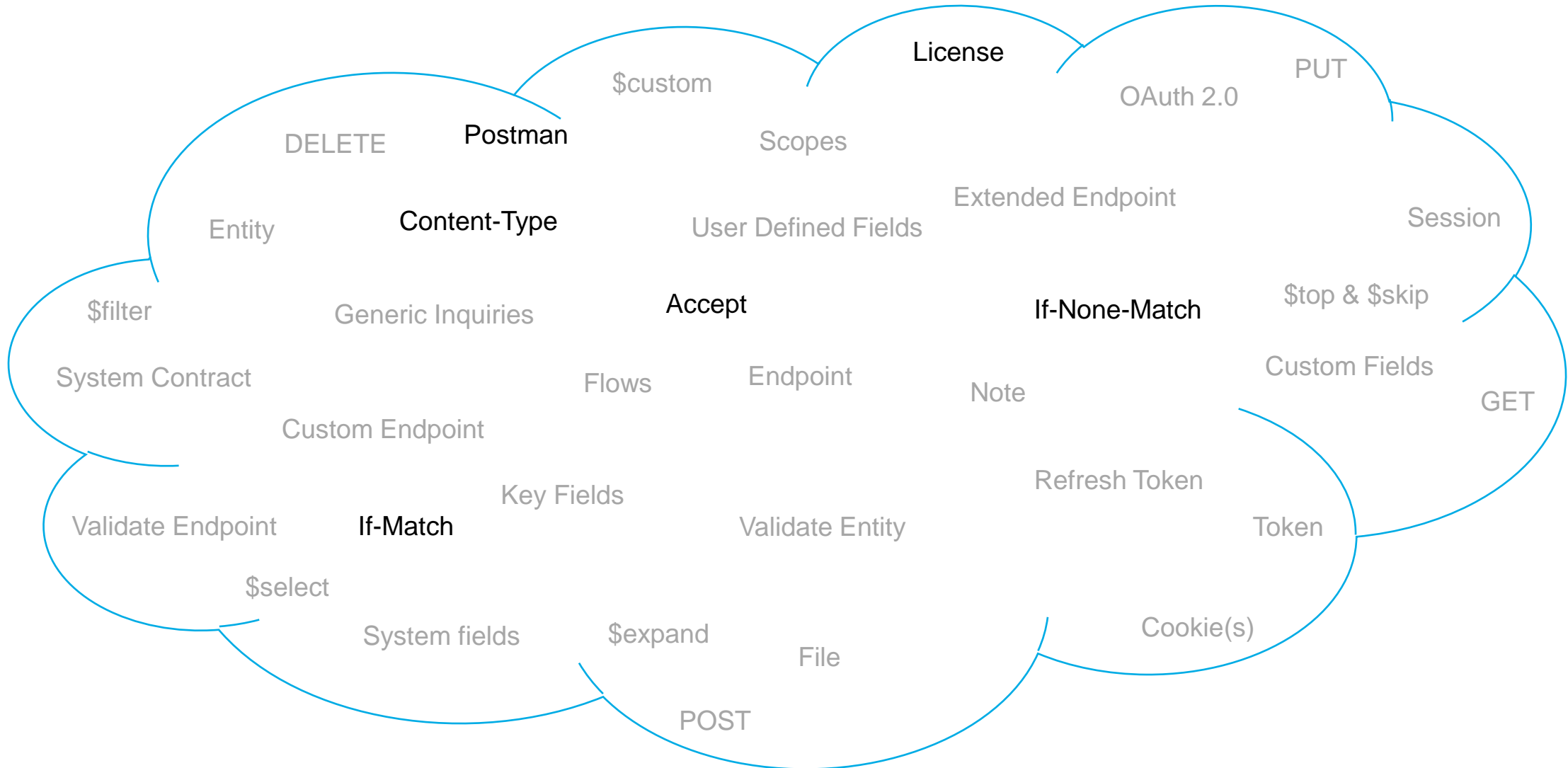
Fields



Fields

- Key Fields
- Custom Fields
 - User Defined Fields
- System fields
 - Note
 - File

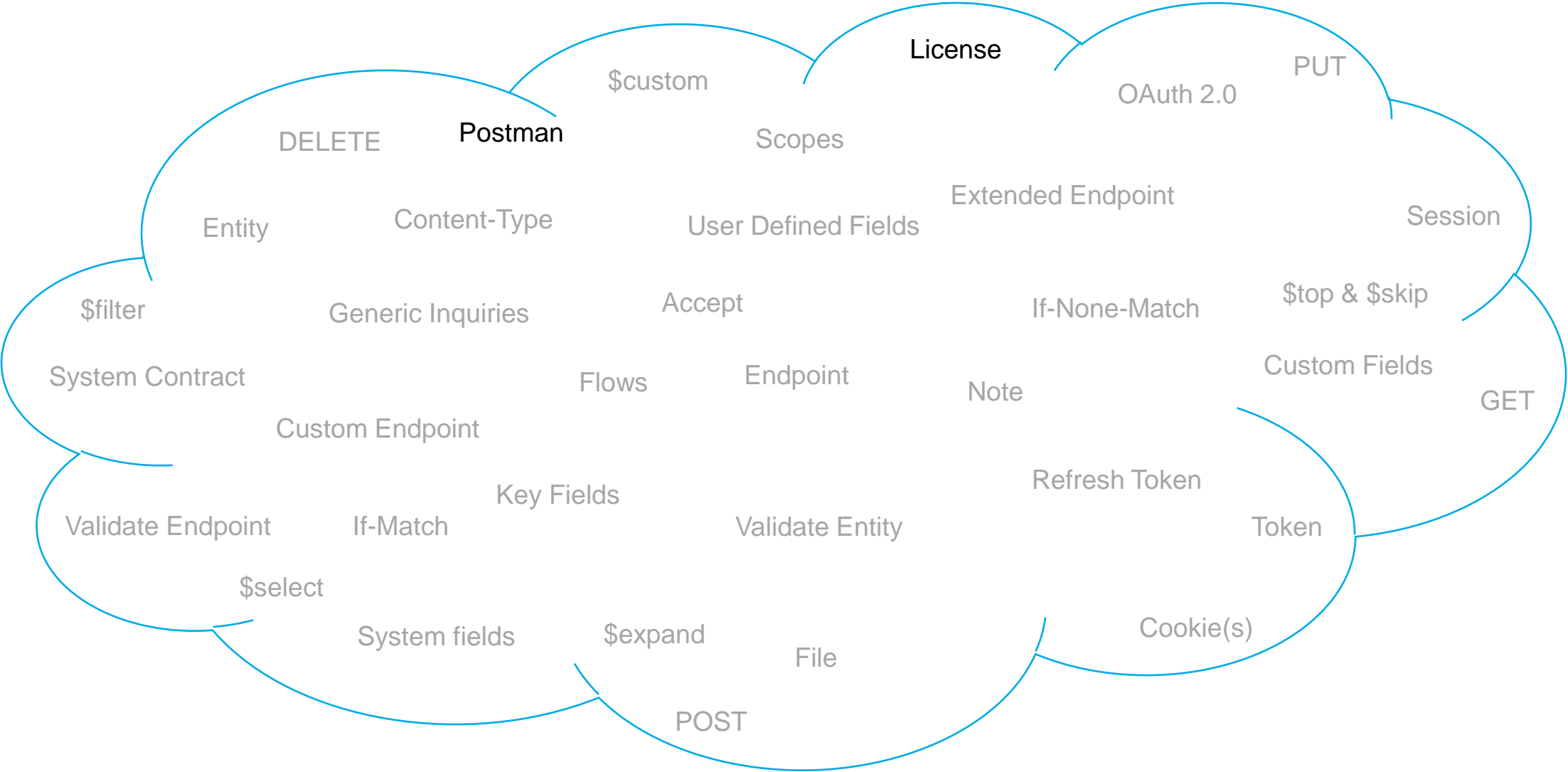
Headers



Headers

- Content-Type
- Accept
- If-Match
- If-None-Match

License



License

License Monitoring Console

LICENSE

STATISTICS

WARNINGS

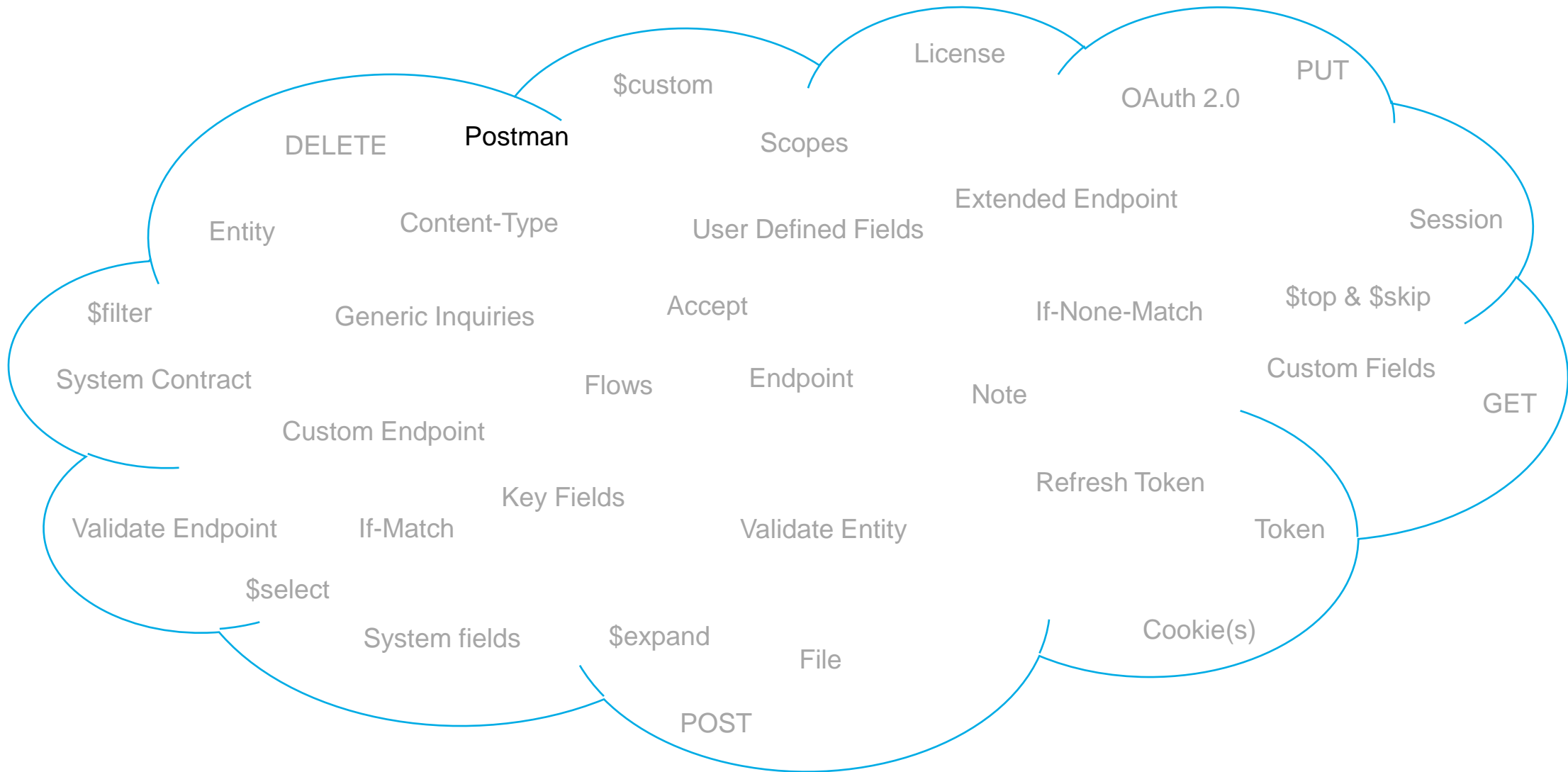
CONSTRAINT HISTORY

SYSTEM CONSTRAINTS

Maximum Number of Web Services API Users:	20
Maximum Number of Concurrent Web Services API Requests:	3
Maximum Number of Web Services API Requests per Minute:	100

Concurrent Users: 500

License



Demos

Demo

- Endpoint
- Authentication
- Type of Request
 - GET
 - PUT
 - POST
- Parameters
 - \$filter
 - \$expand
 - \$select
 - \$top & \$skip
 - \$custom

Sneak Peak

Sneak Peek

1. Multiple Condition on the same field
2. Logical Operator 'OR' for REST API
3. Attaching file using 'id' field value instead of key fields
4. Attaching file to detail lines of records

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Thank You!

www.acumatica.com/developers