Pictorial representation Of CSAPI Application

This document has been designed to show over all architecrure of CSAPI application.

The request will come from different channel to CSAPI and CSAPI will give the result back after processing. Here Channel called as APPid so CSAPI will recognise the appId for the given request and then it will process the request.

appId may be any ,that given below.

DEFAULT,FI,EAADHAAR,EKYC,PORTAL,DSDV,SSUP,MDD,DDCV1,ADMNPRTL

Business Context Diagram

**DEFAULT**

**FI**

**EAADHAAR**

**EKYC**

**PORTAL**

**DSDV**

**SSUP**

**MDD**

**DDCV1**

**ADMNPRTL**

**CSAPI Porcess/Deleg-ate the request**

**Search resource**

**class**

**DB**

Above diagram represent that CSAPI can be called by any appid and CSAPI will delegate the request to SearchResource class (also called service endpoint class) where it will match the exact resource path ,execute and give the response back to caller(app id).

Data Flow diagram

DFD-0

DB

Process the request

2.5

Default

adv/2.0

adv/2.5

2.0

Start

DFD-1

DB

Fetch the data

Validating the request

Parsing the request

2.5

START

DFD-2

Is srch scope UIDLimited

Fetch data

Is srch scope INPROCESS

No

Yes Yes

IS ENO

IS EID

Is UID

Switch exp to check type of id

end

UID/EID Not Support INPROCESS

Proces UID and res gen as SrcRsl

TRUE

False

Proces ENO and res gen as SrcRsl

Proces EID and res gen as SrcRsl

TRUE

TRUE

Annotation

Countinue..

Proces refId and res gen as SrcRsl

IS ID\_TYPE

TRUE

Return the result/End process

Service end point class---unmarshalling/Marshalling—validation of request—service layer—

Dao layer—(My sql,sql)