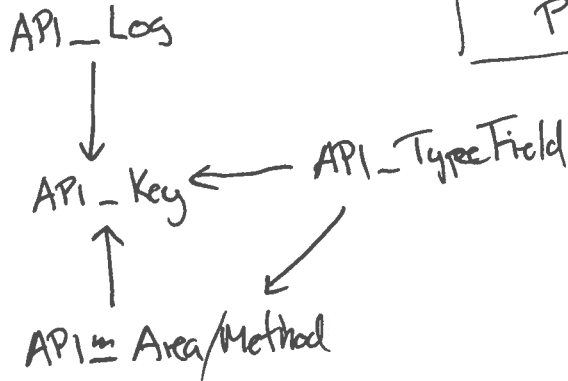


d.23.feb.2018



The MPE API Project

Be able to document which key have access to which method and gets which fields back for each returned type and what have been returned over time



Motivation
 Define a API key - control the methods it have access to - limit fields returned in the different types of objects - log responses for a key.

Implementation
 Define attribute for API method decoration
 ↳ check Authorized header against API_Key table + Area/Method table
 Method ATT

Define attribute to define that the decorated type should be limited for fields at serialization

Define Contract Resolver that removes non-allowed fields for a API key

Try to build a generic web API to expose a services methods in rest format

API for generating JSON schemas for services - with all fields

API_Key
 Name
 Key

Common
 [tablename] ID
 Created ON
 Deleted

API_Method

Key ID
 Method - txt from ATT (Routing-ATT?)

API_TypeField

Key ID
 Type - txt from ATT
 Field - txt from ATT
 namespace?
 extension:
 fields for defining transformation e.g. scrambling data in fields.

API_Log

Key ID
 Request Content
 - 11 - Query
 - 11 - Timestamp
 Response Status
 Response Content
 Response Timestamp

CTRL-ATT
 Set by defining
 IControllerConfiguration attribute decorated on the controller
 Controller settings.
 formatter.
 json formatter

HTTP-request log GDPR issues.

Implement a DelegatingHandler to plug into the pipeline