

Stats Service Specification

Infrastructure

.Net Web API (with use controllers)
Postgres DB
Wolverine Marten Event source DB
Service Bus - RabbitMQ

Nuget Packages

Name	Version used
WolverineFx.Marten	4.9.3
WolverineFx.RabbitMQ	4.7.0

Queries handled

GetTrendingTags - Gets a list of trending tags over the last 7 days returns **List of Tags**
GetTopUsers - Gets a list of the top users by reputation gain over last 7 days. Returns **Profile Summaries**

Events consumed

QuestionCreated - When a question is created in the Question service

API Endpoints

Method	Route	Purpose	Auth?	Returns
GET	/stats/top-users	Gets top users limited to 5	Anon	200 with ProfileSummary
GET	/stats/trending-tags	Get trending tags limited to 5	Anon	200 with TagSlugs

Models

TagDailyUsage.cs

Property Name	Property Type	Default Value	Remarks
Id	string		
Tag	string		
Date	DateOnly		
Count	int		

UserDailyReputation.cs

Property Name	Property Type	Default Value	Remarks
Id	string		
UserId	string		
Date	DateOnly		
Delta	int		