Спецификация Search Service

Инфраструктура

- .Net Minimal APIs
- Mongo DB
- Service Bus – RabbitMQ

API endpoints

Метод	Паттерн	Сигнатура	Возвращаемое значение
GET (anon)	api/matches?query	GetMatches(SearchParams)	MatchesDto
GET (anon)	api/matches/:id	GetMatchById(Guid id)	Match

Модели

Match (class)

Свойство	Тип
Id	Guid
CreatedAtUtc	DateTime
StartedAtUtc	DateTime?
EndedAtUtc	DateTime?
LastMoveMadeAtUtc	DateTime?
TimeLimit	int?
ExtraTimePerMove	int?
WhiteSidePlayer	string?
Status	string
Creator	string
Acceptor	string?
AILevel	int?
Fen	string?
Pgn	string?
Winner	string?
WinBy	string?
DrawBy	string?
DrawRequestedSide	int?
WhiteSideTimeRemaining	int?
BlackSideTimeRemaining	int?

DTOs

SearchParams (record)

Свойство	Тип	Значение по умолчанию
Player	string?	
Status	string	InProgress
PageSize	int	4
PageIndex	int	1

OrderBy	string	desc

MatchesDto (record)

Свойство	Тип	Значение по умолчанию
ItemsCount	int	
PageCount	int	
Result	Match[]	

События

Consumer

- MatchCreated
- MatchCancelled
- MatchStarted
- DrawRequested
- DrawRejected
- MoveMade
- MatchFinished
- SideToActChanged