Catching Zachytavadlo

Do Zachytavadla jdou vsechny hlavni stanice. Vedlejsi stanice projizdi VideoMatching. V Zachytavadle mame processing, preprocessing a inproceessing.

**Splitnuta hodina** – Zachytavadlo, kdyz je vypadek ve vysilani, vysilaci hodina se rozdeli na dva samostatne streamy. V Zachytavadle maji streamy delku 1h 15min, z duvodu presahu reklam pres celou hodinu. Pokud je vypadek v presahujicich minutach muze se splitnuty stream tvarit jako ze patri do nasledujici hodiny. Na zjisteni splitnute hodiny slouzi software TvStorageManager. Streamy se drzi na TvStorage max dva tydny.

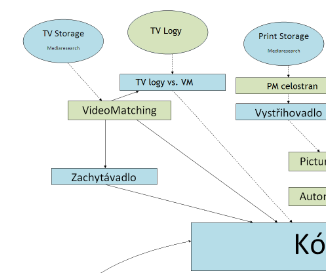
[i:\Software\OTHER\TvStorage2Manager.ClickOnce\Production\TvStorage2Manager\_CZ.application](file:///i:\Software\OTHER\TvStorage2Manager.ClickOnce\Production\TvStorage2Manager_CZ.application)

**MatchingDefinition** – nastaveni ve Spravovadle, ktere kanaly - stanice (televize) jdou do Zachytavadla

**Reprocessing** – jelikoz nejdou vsechny hodiny do Z. (jdou tam jen hlavni stanice) tak vsechny hodiny holky nevidi. Kdyz strihnou novou reklamu a videoMatching uz projel nektere hodiny, tak je potreba, aby ty hodiny projel znova jen proti ty strihnuty norme.

**Inprocessing –** kdyz holka strihne na zacatku streamu reklamu, je potreba, aby se ji dostrihla na konci streamu. Takze se ji projedou i nasledujici dva streamy

**Preprocessing -**  kdyz holka otevre stream tak chce, aby se ji videoMatching podival na ten stream, jestli tam neni nejaky otevreny reprocessing. Ten by se vyridil prednostne pro tu hodinu.



# Nahled

StreamListWithActualStreamView

Zakladem je ShellView

PlaybackMenuGroupView

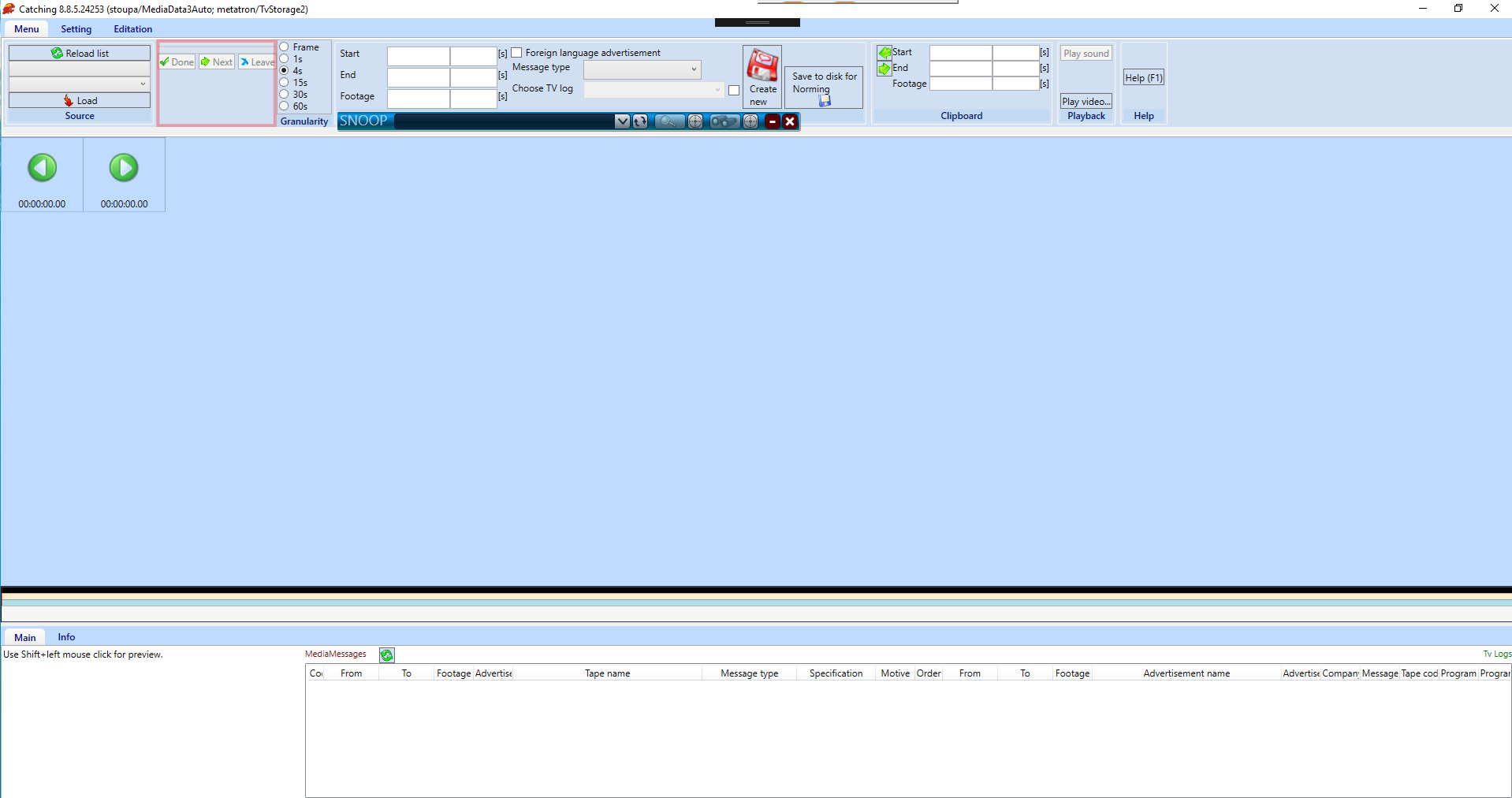
HelpMenuGroupView

ClipBoardMenuGroupView

GranularityView

MediaMessageCreationMenuGroupView

SourceMenuGroupView



MainTopMenuView

MessageLogDataGrid

BottomMenuConductorView

GridSplitter

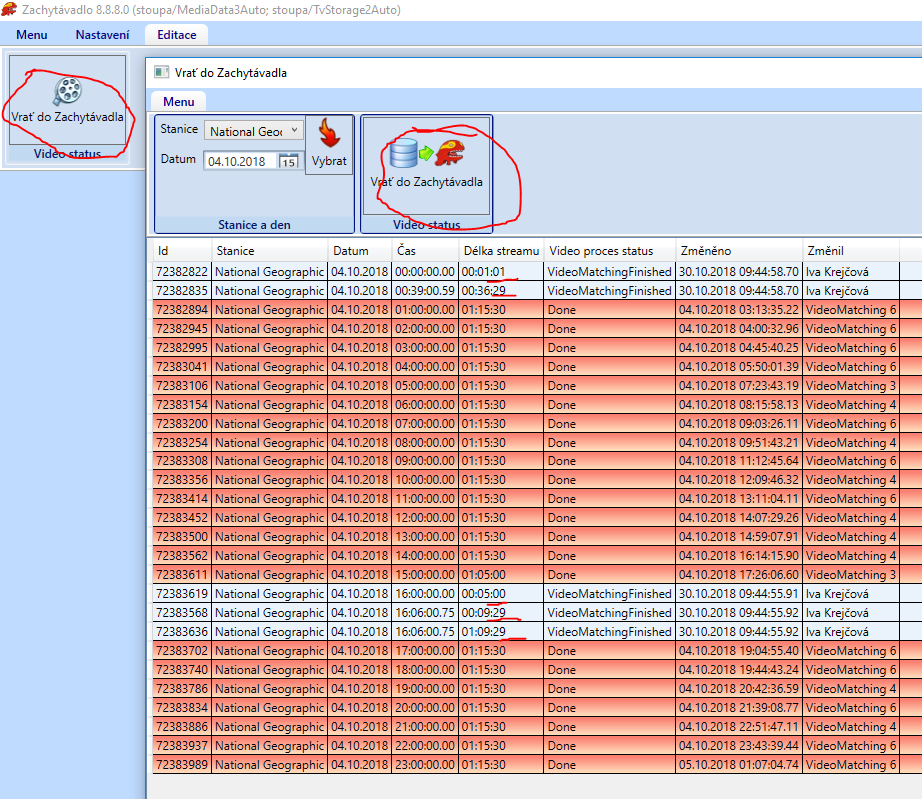
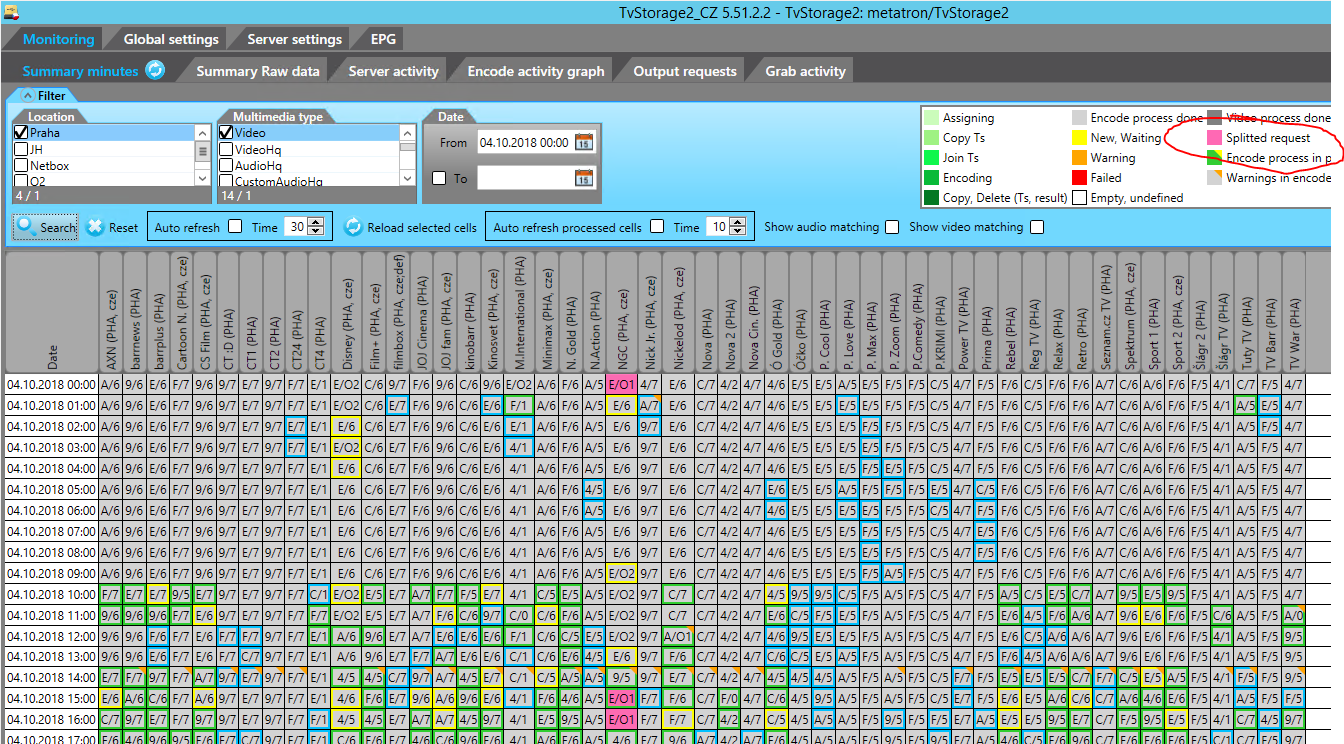
TimeLineView

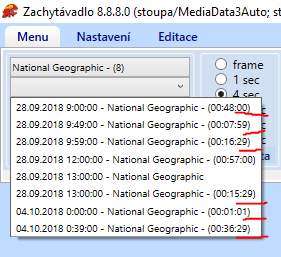
ThumbnailStreamViewerView

# Splitnuta hodina, Nalezeni splitnute hodiny pomoci TvStorageManagera

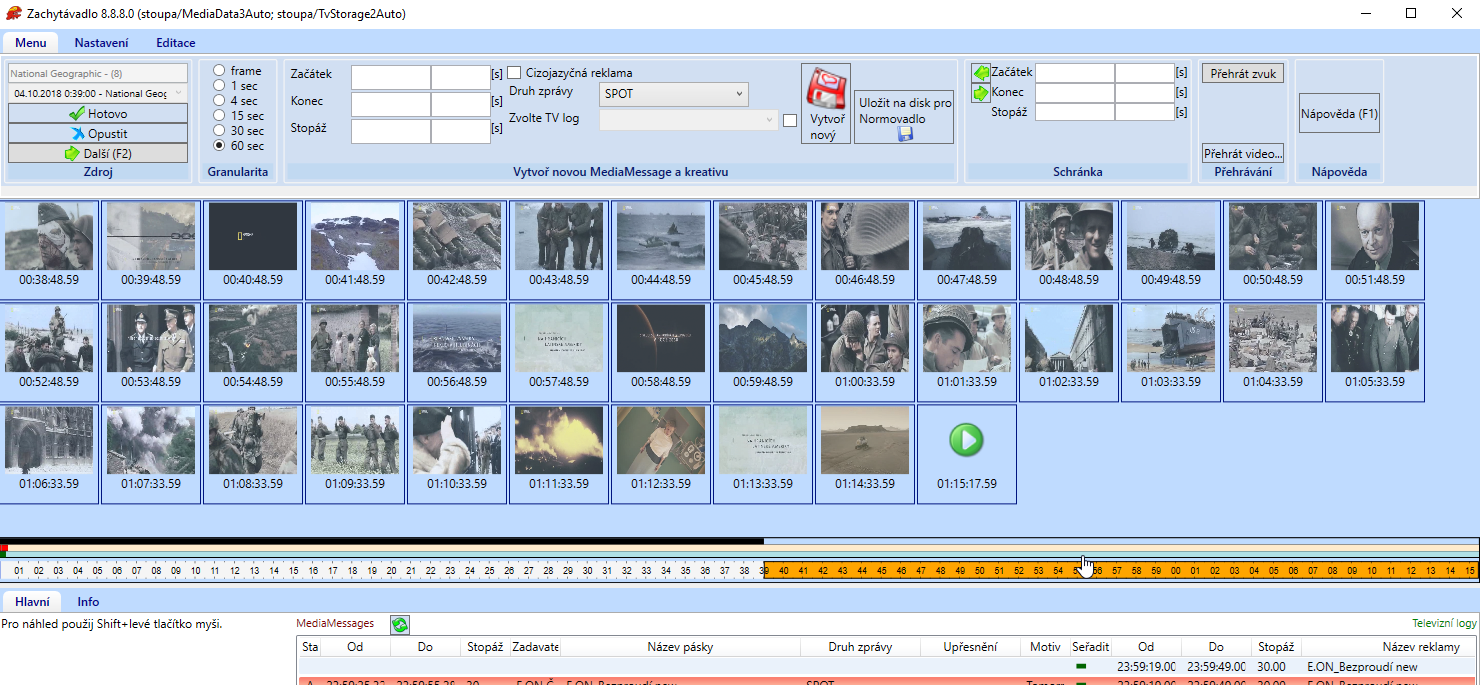
**Splitnuta hodina** – Zachytavadlo, kdyz je vypadek ve vysilani, vysilaci hodina se rozdeli na dva samostatne streamy. V Zachytavadle maji streamy delku 1h 15min, z duvodu presahu reklam pres celou hodinu. Pokud je vypadek v presahujicich minutach muze se splitnuty stream tvarit jako ze patri do nasledujici hodiny. Na zjisteni splitnute hodiny slouzi software TvStorageManager. Nastavim location Praha, multimedia type na Video a datum. Streamy se drzi na TvStorage max dva tydny.

[i:\Software\OTHER\TvStorage2Manager.ClickOnce\Production\TvStorage2Manager\_CZ.application](file:///i:\Software\OTHER\TvStorage2Manager.ClickOnce\Production\TvStorage2Manager_CZ.application)

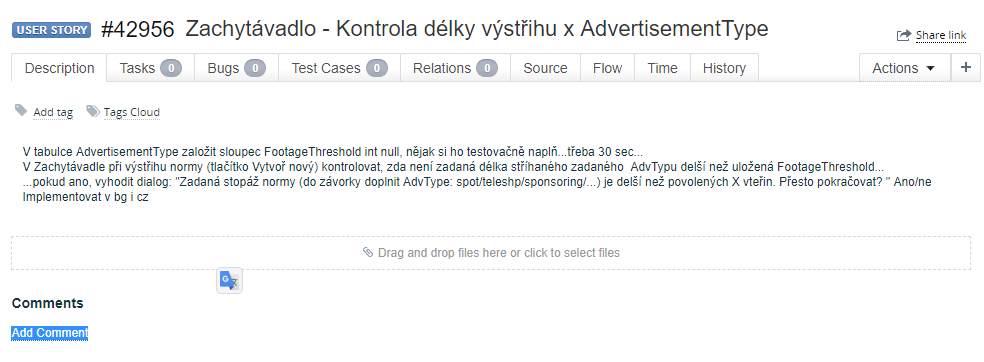




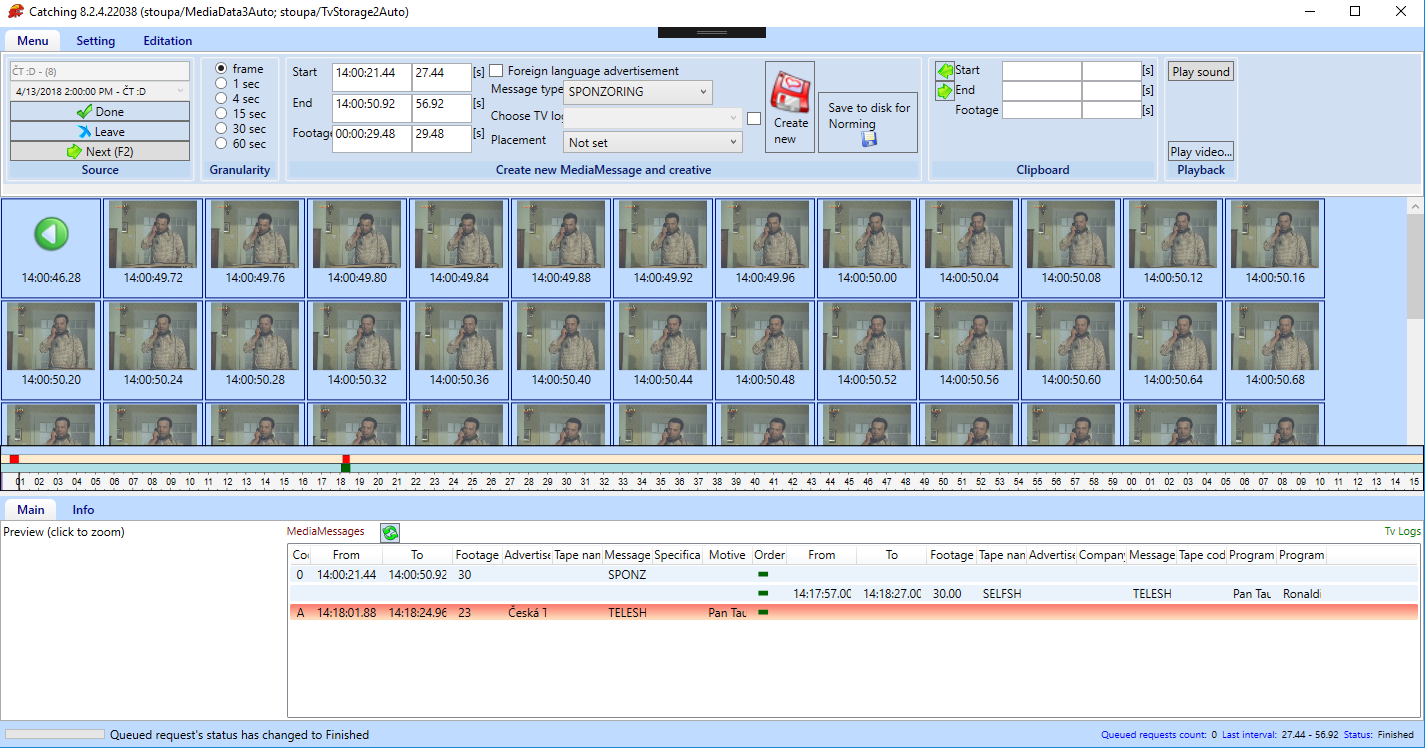
Nacetl jsem hodinu ktera zacina v 0:39:00 . Granularita je po minute, cerna cast na TimeLine ukazuje co chybi. Proto se tam neda skocit kliknutim na timelinu. Oranzova cast ukazuje zobrazeny usek, kdyz zmenim granularitu na treba 4s bude zobrazeny mensi usek streamu. Ted je videt od 39 minuty az do konce.



# Zadani: kontrola delky vystrihu AdvertisementType



Nejprve je potreba mit nastaveny prava na zachytavadlo. Bez nich neni v aplikaci tlacitko Create new a Save



Pridani prav se da udelat v aplikaci Admin tak ze vyberu aplikaci kterou chci upravovat a UserPermission najdu sebe. Pak zmacknu copyFrom a vyberu uzivatele jehoz prava si chci pridat.



Oznaceni normy funguje nasledujicim zpusobem jen kdyz je radiobutton nastaven na frame 

Zacatek normy se oznaci CTRL + prave tlacitko mysi (LTM)

Muzu si prepnout granularitu na vice sekund, posunu si stream tak abych prekrocil min hranici delky MM

Prepnu znovu granularitu na frame

Konec normy se oznaci AltGr + LTM

**Help**

* **F1** -Show help
* **ESC** -Hide help

**Stream finishing**

* **F2** -Set stream to Done status and load next stream from queue

**Stream navigation**

* **Ctrl + left arrow key** -Move to previous frames
* **Ctrl + right arrow key** -Move to next frames
* **Left mouse click** -Decrease granularity
* **Right mouse click** -Increase granularity
* **Time line click** -Move stream to selected time

**New MediaMessage creation**

* **Ctrl + left mouse click** -Set start time of MediaMessage
* **Alt + left mouse click** -Set end time of MediaMessage

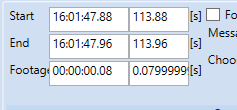
**Preview**

* **Shift + left mouse click** -Show preview of the frame
* **Left mouse click on preview** -Show full quality preview of the frame

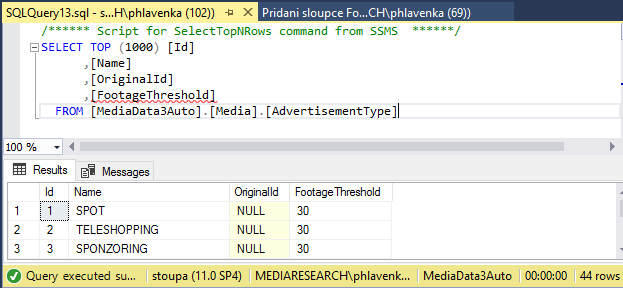
**MediaMessages table**

* **Double click on any row** -Move stream to beginning of the MediaMessage
* **Right mouse click on any row** -Show context menu

Hodnoty se pridaji do textboxu :



Do tabulky Media.AdvertisementType jsem pridal sloupec FootageThreshold



Pri vystrihavani normy se ma zachytavadlo podivat jakou hodnotu ma nastavenou pro zadany MessageType a podle toho jestli je prekrocena vyhodit dialog.

Nastavim teda pocatecni a koncovy cas a zmacknu tlacitko Create new.

Zadne okno nevyleze, jen dole vlevo se zobrazi progressBar a pise, ze tvori creativu.

V okne MediaMessages pribyde moje vystrihnuta norma .

Na tlacitko Save to disk se nejspis uklada ;D

Pomoci LiveVisualTree se pres tlacitko Create new dostanu do MediaMessageCreationMenuGroupView a dale do MediaMessageCreationMenuGroupViewModelu do metody CreateNewMessage()

# ChangeScript Pridani sloupce Threshold

/\*

Author: Peter Hlavenka

Created: 25.4.2018

Description: #42957 Pridani sloupce Threshold

\*/

set transaction isolation level serializable;

begin transaction updateSchemaTransaction;

begin try

/\*

Kontrola aktuální verze schématu databáze

\*/

declare @newDbSchemaVersion int;

select @newDbSchemaVersion = 137

declare @Location varchar(max);

select @Location = [Value] from [dbo].[Params] where [Name] = 'Location'

if (@Location is null)

raiserror('@Location is unknown.', 11, 11 )

ALTER TABLE [Media].[AdvertisementType] ADD [FootageThreshold] INT NULL

insert into dbo.[DbSchemaVersion] ( [DbSchemaVersion], [Created], [Modified])

values (@newDbSchemaVersion, getdate(), null)

commit transaction updateSchemaTransaction;

end try

begin catch

rollback transaction updateSchemaTransaction;

declare @ErrorMessage nvarchar (4000), @ErrorSeverity int, @ErrorState int;

select @ErrorMessage = ERROR\_MESSAGE (), @ErrorSeverity = ERROR\_SEVERITY (), @ErrorState = ERROR\_STATE ();

raiserror (@ErrorMessage, @ErrorSeverity, @ErrorState);

end catch

GO

declare @ErrorSave int, @ModifiedBy int, @Modified datetime;

select @ModifiedBy = Security.GetUserId(), @Modified = getdate();

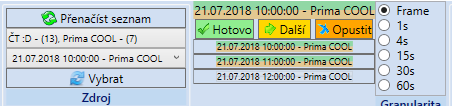
GO

begin tran

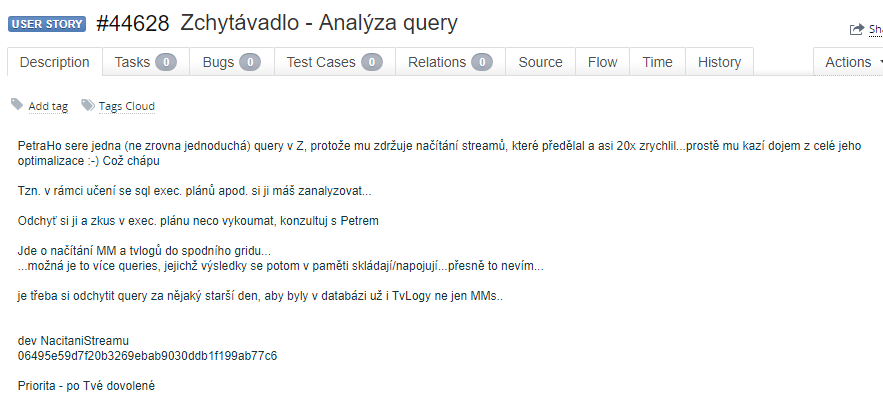
UPDATE [Media].[AdvertisementType] SET [FootageThreshold] = 30

commit tran

# Zadani: Analyza query Holubec



Na tlacitko Vybrat se nactou streamy a do spodniho gridu se nactou message. Je to pomale



Tlacitko vybrat me dostane do SourceMenuGroupViewModel.Confirm()

Metody se zde volaji pomoci EventAggregatoru. Dostanu se do StreamListWithActualStreamViewModel. Handle(StreamListSourceChangedContract message)

Nacitani probiha asynchronne v metode await ChangeActualStream(Streams.FirstOrDefault());

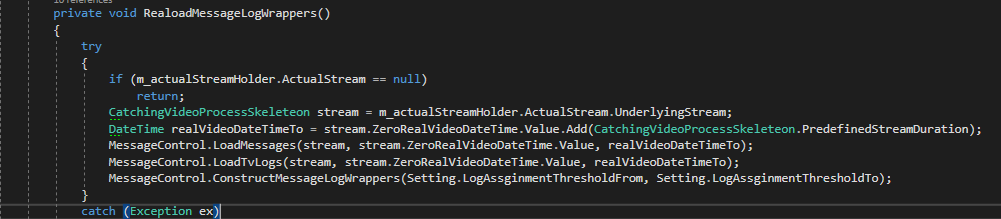
Skrze tuto metodu se dostaneme do TvAdvertisementControl.Handle(ActualStreamChangedContract message) kde je LoadAllowedTvAdvertisementTypes(… )

Tak touto cestou to neslo, zkusim stopovat grid s messagema

CzMainBottomMenuView. ExtendedListView

ItemsSource="{Binding MessageControl.MessageLogWrappers}"

Vypada to, ze by se do gridu mohly message a TvLogy nacitat zde (MainBottomMenuBase):



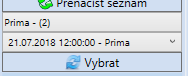
LoadMessages => tvMessageDao.GetTvMessagesCatching

LoadTvLogs => m\_tvImportItemDao.GetTvLogs

m\_broadcastingDescriptionDao.SelectByParams

m\_intervalRemarkDao.SelectByParams

Chytam v profileru



**tvMessageDao**.**GetTvMessagesCatching**

## SQL script

exec sp\_executesql N'DECLARE @TempCatchingMessages TABLE(Id int, NormCreativeId INT, CreativeId INT, AdvertisedFrom DATETIME, AdvertisedTo DATETIME, CreatedBy TINYINT, ModifiedBy TINYINT, Footage SMALLINT, Modified DATETIME, MediumId SMALLINT, Medium NVARCHAR(255),

TapeCode VARCHAR(50), TapeName VARCHAR(100), PlacementId SMALLINT, Note VARCHAR(2000), ProgrammeBefore NVARCHAR(200), Motive varchar(500), ProgrammeAfter VARCHAR(200), AdvertisementTypeId TINYINT, UserCreatedByName VARCHAR(100),

UserModifiedByName VARCHAR(100), PlacementName VARCHAR(255), OwnerName NVARCHAR(200), AdvertisementTypeName NVARCHAR(255), CreativeItemId INT, CompanyBrand NVARCHAR(200), ProductBrand NVARCHAR(200), CodingPlausibility VARCHAR(25), MotiveId INT)

INSERT INTO @TempCatchingMessages (Id,NormCreativeId, CreativeId, AdvertisedFrom,AdvertisedTo, CreatedBy, ModifiedBy,Footage, Modified,

MediumId,Medium,TapeCode,TapeName,PlacementId,Note,ProgrammeBefore,Motive,ProgrammeAfter,AdvertisementTypeId,UserCreatedByName,

UserModifiedByName,PlacementName,OwnerName,AdvertisementTypeName,CreativeItemId,CompanyBrand,ProductBrand,CodingPlausibility,MotiveId)

SELECT mm.Id, mm.NormCreativeId, mm.CreativeId, mm.AdvertisedFrom, mm.AdvertisedTo, mm.CreatedBy, mm.ModifiedBy, tmm.Footage, mm.Modified, mm.MediumId, mdv.Name AS Medium, ti.TapeCode, ti.TapeName, mm.PlacementId, mm.Note, pbl.ProgrammeBefore, mv.Name AS Motive,

pbl.ProgrammeAfter, mm.AdvertisementTypeId, uc.UserName AS UserCreatedByName, um.UserName AS UserModifiedByName, p.Name AS PlacementName, o.Name AS OwnerName, at.Name AS AdvertisementTypeName, ctci.CreativeItemId, cb.Name AS CompanyBrand, pb.Name AS ProductBrand, cp.Name AS CodingPlausibility,

mv.MotiveId AS MotiveId

FROM Media.MediaMessage mm

INNER JOIN Media.TvMediaMessage tmm ON mm.Id = tmm.Id

INNER JOIN Media.Medium md ON mm.MediumId = md.Id

INNER JOIN Media.MediumVersion mdv ON md.Id = mdv.MediumId AND mdv.ActiveFrom <= mm.AdvertisedFrom AND mdv.ActiveTo > mm.AdvertisedFrom

INNER JOIN Media.CodingPlausibility cp ON mm.CodingPlausibilityId = cp.Id

LEFT JOIN Media.ProgrammeBlock pbl ON tmm.ProgrammeBlockId = pbl.Id

LEFT JOIN Media.TapeInfo ti ON tmm.TapeInfoId = ti.Id

LEFT JOIN Security.[User] uc ON mm.CreatedBy = uc.Id

LEFT JOIN Media.AdvertisementType at ON mm.AdvertisementTypeId = at.Id

LEFT JOIN Security.[User] um ON mm.ModifiedBy = um.Id

LEFT JOIN Media.Placement p ON mm.PlacementId = p.Id

LEFT JOIN Creative.Creative c ON mm.CreativeId = c.Id

LEFT JOIN Creative.CreativeToCreativeItem ctci ON ctci.CreativeId = c.Id

LEFT JOIN Media.Motive m ON m.Id = c.MotiveId

LEFT JOIN Media.MotiveVersion mv ON mv.MotiveId = m.Id AND mv.ActiveFrom <= @from AND mv.ActiveTo >= @to

LEFT JOIN Media.Motivlet ml ON mv.PrimaryMotivletId = ml.Id

LEFT JOIN Media.Owner o ON ml.OwnerId = o.Id

LEFT JOIN Media.CompanyBrand cb ON ml.CompanyBrandId = cb.Id

LEFT JOIN Media.ProductBrand pb ON ml.ProductBrandId = pb.Id

LEFT JOIN Media.SponsoredProgramme sp ON tmm.SponsoredProgrammeId = sp.Id

WHERE mm.AdvertisedFrom >= @fromHelper AND mm.AdvertisedFrom < @to AND mm.AdvertisedTo > @from AND mm.AdvertisedTo < @to

AND mm.MediumId IN (493)

;WITH A AS -- #42544 Nahraj pro kazdou MM TapeCode od normy. Vezme se TapeCode od nejstarsi zpravy normy

(

SELECT temp.\*, ti2.TapeCode AS NormsTapeCode,

ROW\_NUMBER() OVER (PARTITION BY mm2.NormCreativeId, temp.Id ORDER BY mm2.Created) AS RN

FROM @TempCatchingMessages temp

JOIN Media.MediaMessage mm2 ON mm2.NormCreativeId = temp.NormCreativeId

JOIN Media.TvMediaMessage tmm2 ON mm2.Id = tmm2.Id

LEFT JOIN Media.TapeInfo ti2 ON tmm2.TapeInfoId = ti2.Id

)

SELECT \* FROM A WHERE a.RN = 1',N'@from datetime,@to datetime,@fromHelper datetime',@from='2018-07-21 11:59:53.600',@to='2018-07-21 13:15:23.600',@fromHelper='2018-07-21 10:59:53.600'

## Po odchyceni scriptu

V profileru vidim, ze Duration bylo 2410 ms.



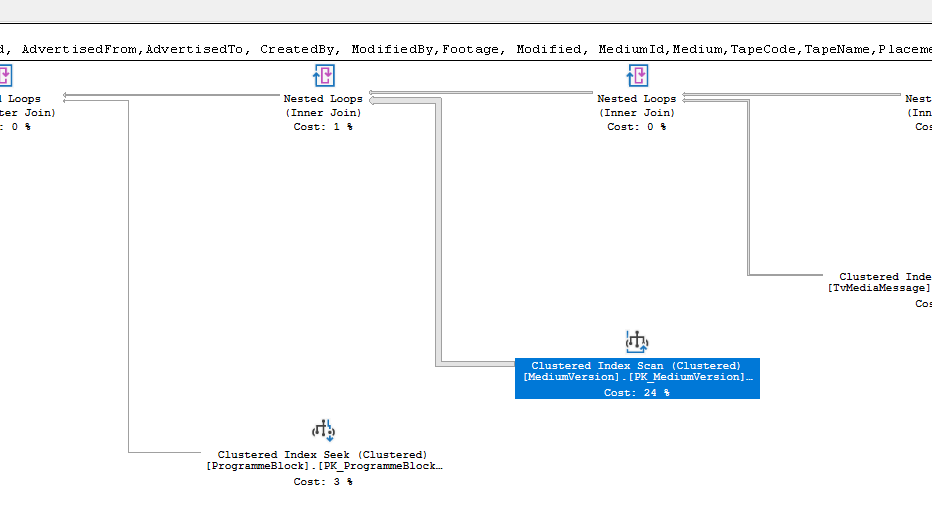
Vlozim do ManagmentStudia, spustim se zapnutym actual plan

Vidim, ze mam dva dotazy.

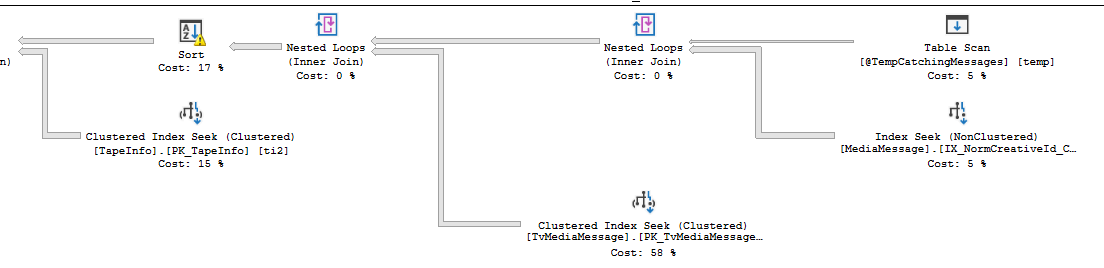
V prvnim vidim velkou pipe na tabulce Media.MediumVersion. Precte tu 75 000 radku protoze je zde index scan . Chceme zde totiz :

INNER JOIN Media.MediumVersion mdv ON md.Id = mdv.MediumId AND mdv.ActiveFrom <= mm.AdvertisedFrom AND mdv.ActiveTo > mm.AdvertisedFrom

Na AdvertisedFrom a To neni index, nejsem si jisty, jestli davat index nad DateTime sloupce. Zbytek planu se zda byt v poradku, vsude jsou indexy a cost se pohybuje kolem 3%.



Druhy dotaz ma sice Table Scan ale to je proto, ze hledame hodnoty pro kazdy radek tempTabulky a jinak jsou vsude indexy. Zajimave je, ze estimated number of rows je 1 a actual = 105 000



**m\_tvImportItemDao.GetTvLogs**

## script

exec sp\_executesql N'SELECT

[tvImportItem].[ImportId],

[tvImportItem].[ModificationStatusId],

[tvImportItem].[OriginalImportItemId],

[tvImportItem].[MediaMessageId],

[tvImportItem].[AdvertisementTypeId],

[tvImportItem].[AdvertisedFrom],

[tvImportItem].[AdvertisedTo],

[tvImportItem].[MediumId],

[tvImportItem].[Footage],

[tvImportItem].[AdvertisementName],

[tvImportItem].[AdvertiserName],

[tvImportItem].[AgencyName],

[tvImportItem].[CompanyBrandName],

[tvImportItem].[ProductCode],

[tvImportItem].[ProductName],

[tvImportItem].[BlockCode],

[tvImportItem].[BlockEnd],

[tvImportItem].[BlockPosition],

[tvImportItem].[BlockRating],

[tvImportItem].[BlockStart],

[tvImportItem].[BlockUnits],

[tvImportItem].[PoolingIdentifier],

[tvImportItem].[ProgrammeAfter],

[tvImportItem].[ProgrammeBefore],

[tvImportItem].[ProgrammeTypeAfter],

[tvImportItem].[ProgrammeTypeBefore],

[tvImportItem].[ProgrammeTypeAfterCode],

[tvImportItem].[ProgrammeTypeBeforeCode],

[tvImportItem].[TapeCode],

[tvImportItem].[TapeLength],

[tvImportItem].[TapeName],

[tvImportItem].[TapeAgencyName],

[tvImportItem].[Rating],

[tvImportItem].[Created],

[tvImportItem].[CreatedBy],

[tvImportItem].[Modified],

[tvImportItem].[ModifiedBy],

[tvImportItem].[BlockIdent],

[tvImportItem].[Note],

[tvImportItem].[Id],

[t1].[Name],

[t1].[OriginalId],

[t1].[FootageThreshold],

[t1].[Id] as [Id1]

FROM

[Import].[TvImportItem] [tvImportItem]

INNER JOIN [Media].[AdvertisementType] [t1] ON [tvImportItem].[AdvertisementTypeId] = [t1].[Id]

INNER JOIN [Media].[Medium] [medium] ON [tvImportItem].[MediumId] = [medium].[OriginalId]

WHERE

[tvImportItem].[AdvertisedFrom] > @boundary AND

Convert(Int, [tvImportItem].[AdvertisementTypeId]) <> 4 AND

[tvImportItem].[AdvertisedTo] > @p1 AND

[tvImportItem].[AdvertisedFrom] < @dateTimeTo AND

[medium].[Id] IN (493)

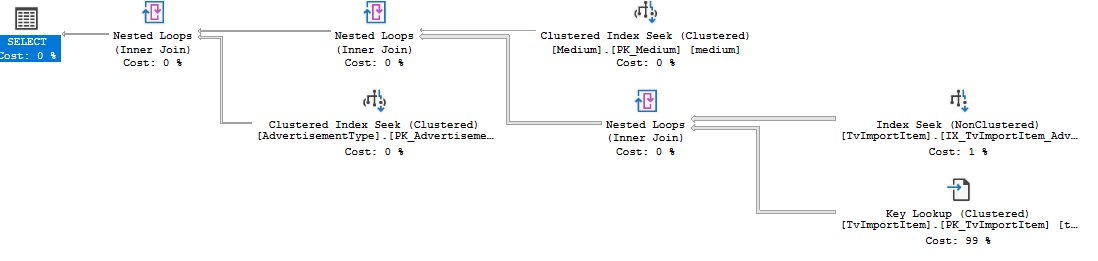
ORDER BY

[tvImportItem].[AdvertisedFrom]

',N'@boundary datetime,@p1 datetime,@dateTimeTo datetime',@boundary='2018-07-21 10:59:53.600',@p1='2018-07-21 11:59:53.600',@dateTimeTo='2018-07-21 13:15:23.600'

## Pokr

Pro toto medium mi nevratilo zadne radky (tvImportItem) mozna proto, ze pro medium nejsou zadne TvLogy ? Ano!



**m\_broadcastingDescriptionDao.SelectByParams**

## script

exec sp\_executesql N'SELECT TOP (2147483647)

[broadcastingDescr].[LevelId],

[broadcastingDescr].[MediumId],

[broadcastingDescr].[DateTimeFrom],

[broadcastingDescr].[DateTimeTo],

[broadcastingDescr].[ProgrammeId],

[broadcastingDescr].[ParentId],

[broadcastingDescr].[Created],

[broadcastingDescr].[CreatedBy],

[broadcastingDescr].[Modified],

[broadcastingDescr].[ModifiedBy],

[broadcastingDescr].[Id],

[programme].[PrgTypeId],

[programme].[AttributeId],

[programme].[Created] as [Created1],

[programme].[CreatedBy] as [CreatedBy1],

[programme].[Modified] as [Modified1],

[programme].[ModifiedBy] as [ModifiedBy1],

[programme].[Name],

[programme].[Id] as [Id1],

[t3].[Id] as [Id2],

[t3].[Local] as [Local1],

[t4].[ExternalId],

[t4].[Local] as [Local2],

[t4].[En],

[t4].[Id] as [Id3],

[t5].[Login],

[t5].[UserName],

[t5].[UserTypeId],

[t5].[Id] as [Id4],

[t6].[Login] as [Login1],

[t6].[UserName] as [UserName1],

[t6].[UserTypeId] as [UserTypeId1],

[t6].[Id] as [Id5],

[tran].[ProgrammeId] as [TranslatedEntityId],

[tran].[LocalizationLanguageId],

[tran].[Name] as [Name1],

[tran].[IsReviewed],

[tran].[Created] as [TranslationCreated],

[tran].[CreatedBy] as [TranslationCreatedBy],

[tran].[Modified] as [TranslationModified],

[tran].[ModifiedBy] as [TranslationModifiedBy],

[t1].[Login] as [Login2],

[t1].[UserName] as [UserName2],

[t1].[UserTypeId] as [UserTypeId2],

[t1].[Id] as [Id6],

[t2].[Login] as [Login3],

[t2].[UserName] as [UserName3],

[t2].[UserTypeId] as [UserTypeId3],

[t2].[Id] as [Id7],

[mv].[Name] as [Name2],

[mv].[PublisherId],

[mv].[MediumId] as [MediumId1],

[mv].[PressPeriodicityId],

[mv].[IsMinorChannel],

[mv].[TvlogShift],

[mv].[FocusId],

[mv].[ActiveFrom],

[mv].[ActiveTo],

[mv].[Created] as [Created2],

[mv].[CreatedBy] as [CreatedBy2],

[mv].[Modified] as [Modified2],

[mv].[ModifiedBy] as [ModifiedBy2],

[mv].[NoAggregationTargetGroupId],

[mv].[PageOfEar],

[mv].[Id] as [Id8]

FROM

[SimLog].[BroadcastingDescription] [broadcastingDescr]

INNER JOIN [Security].[User] [t1] ON [broadcastingDescr].[CreatedBy] = [t1].[Id]

LEFT JOIN [Security].[User] [t2] ON [broadcastingDescr].[ModifiedBy] = [t2].[Id]

INNER JOIN [SimLog].[Programme] [programme]

INNER JOIN [SimLog].[Attribute] [t3] ON [programme].[AttributeId] = [t3].[Id]

INNER JOIN [SimLog].[PrgType] [t4] ON [programme].[PrgTypeId] = [t4].[Id]

INNER JOIN [Security].[User] [t5] ON [programme].[CreatedBy] = [t5].[Id]

LEFT JOIN [Security].[User] [t6] ON [programme].[ModifiedBy] = [t6].[Id]

ON [broadcastingDescr].[ProgrammeId] = [programme].[Id]

INNER JOIN [Media].[MediumVersion] [mv] ON [broadcastingDescr].[MediumId] = [mv].[MediumId]

LEFT JOIN [SimLog].[ProgrammeTranslation] [tran] ON [programme].[Id] = [tran].[ProgrammeId]

WHERE

([tran].[LocalizationLanguageId] IS NULL AND [tran].[ProgrammeId] IS NULL OR [tran].[LocalizationLanguageId] = @localizationLanguageId1) AND

[mv].[ActiveFrom] <= [broadcastingDescr].[DateTimeFrom] AND

[mv].[ActiveTo] > [broadcastingDescr].[DateTimeFrom] AND

[broadcastingDescr].[DateTimeFrom] >= @from1 AND

[broadcastingDescr].[DateTimeFrom] < @to1 AND

[broadcastingDescr].[MediumId] IN (493)

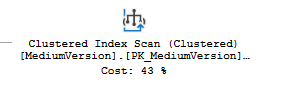
ORDER BY

[broadcastingDescr].[DateTimeFrom] DESC

',N'@localizationLanguageId1 tinyint,@from1 datetime,@to1 datetime',@localizationLanguageId1=2,@from1='2018-07-21 11:59:53.600',@to1='2018-07-21 13:15:23.600'

## pokr

Opet je tu zajimavy index scan na tabulce MediumVersion



**m\_intervalRemarkDao.SelectByParams**

## Script

exec sp\_executesql N'SELECT

[x].[MediumId],

[x].[IntervalRemarkTypeId],

[x].[From] as [From1],

[x].[To] as [To1],

[x].[Created],

[x].[Modified],

[x].[CreatedBy],

[x].[ModifiedBy],

[x].[Id]

FROM

[SimLog].[IntervalRemark] [x]

WHERE

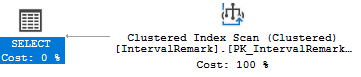
[x].[MediumId] = @p1 AND [x].[From] >= @dateTimeFrom AND

[x].[To] <= @dateTimeTo

',N'@p1 int,@dateTimeFrom datetime,@dateTimeTo datetime',@p1=493,@dateTimeFrom='2018-07-21 11:59:53.600',@dateTimeTo='2018-07-21 13:15:23.600'

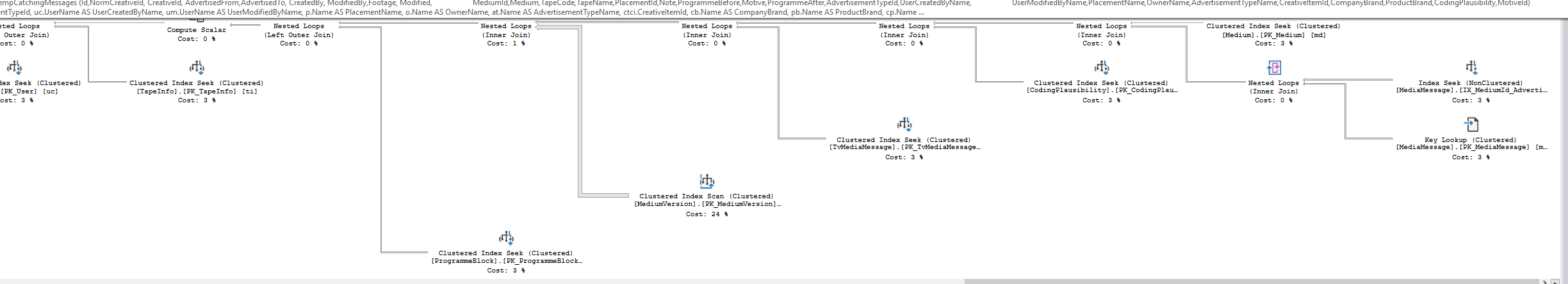
## Pokr

Tady neni co resit

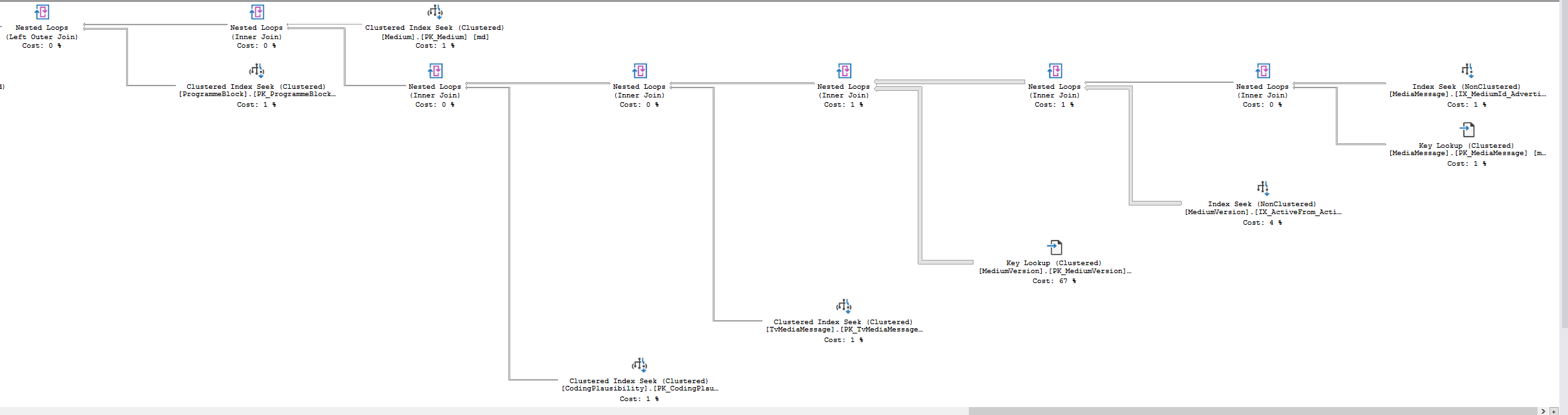


|  |  |
| --- | --- |
| Puvodni cas | Novy cas |
| 2597 | 1017 |
| 165 | 6 |
| 0 | 46 |
| 0 | 0 |

**Bez Indexu**



**S indexem :**

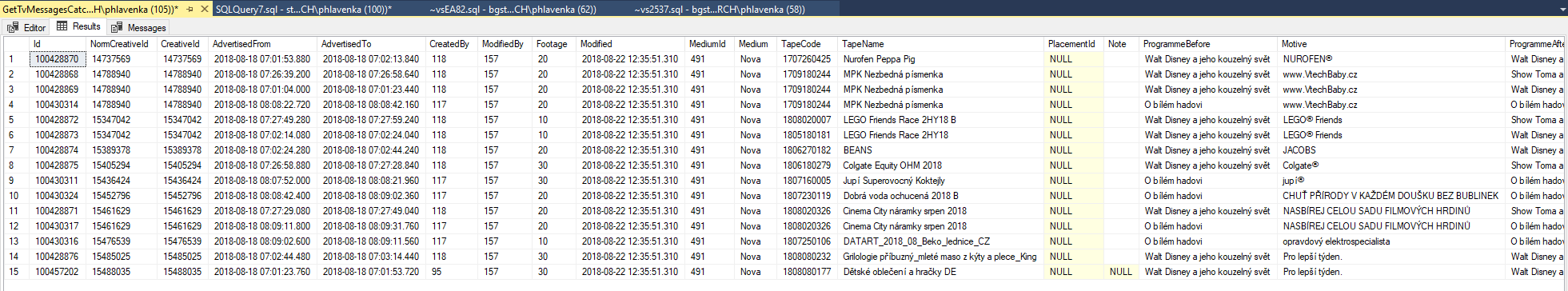


# Nejvice boli ready (cteni) , rozdeleni storovky na vice dotazu a postupne nacitani

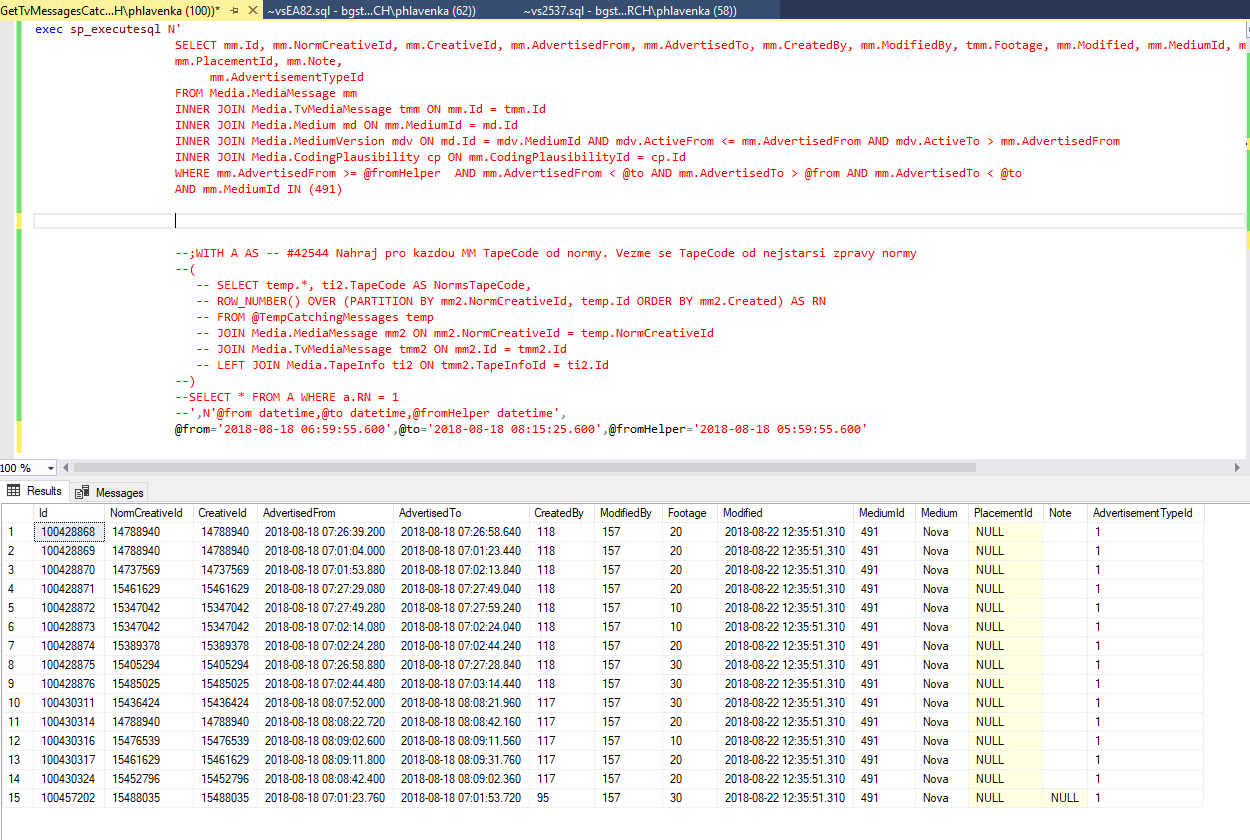
**LoadMessages => tvMessageDao.GetTvMessagesCatching**

Cela odchycena query je v C:\Users\phlavenka\OneDrive\Nielsen prace\My Scripts\Zachytavadlo\Analyza query Holubec\Uz rozdelovani query

Trva nenacacheovana 21 sekund a jeji result je:



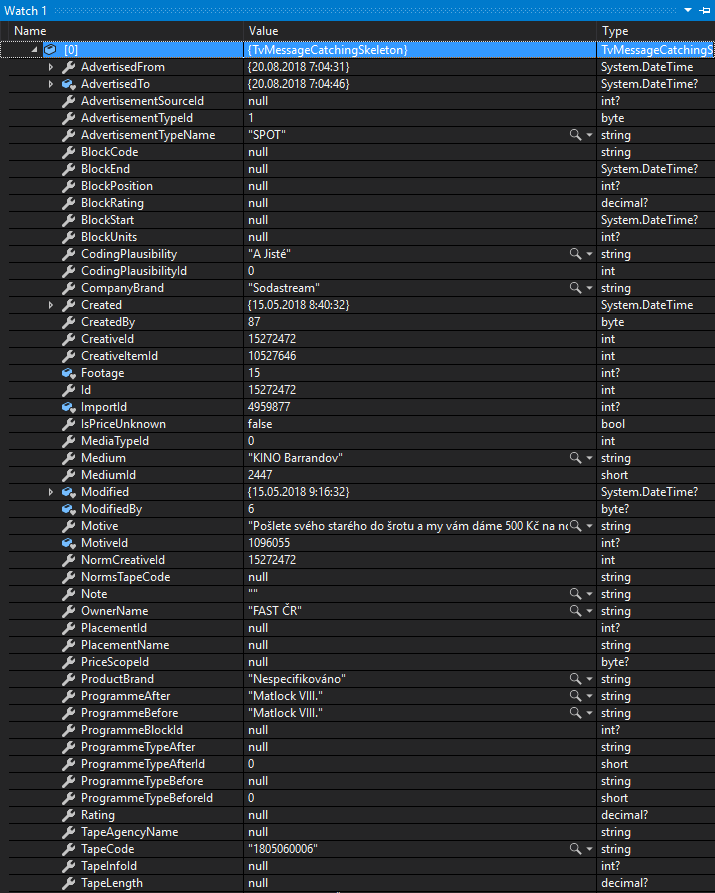
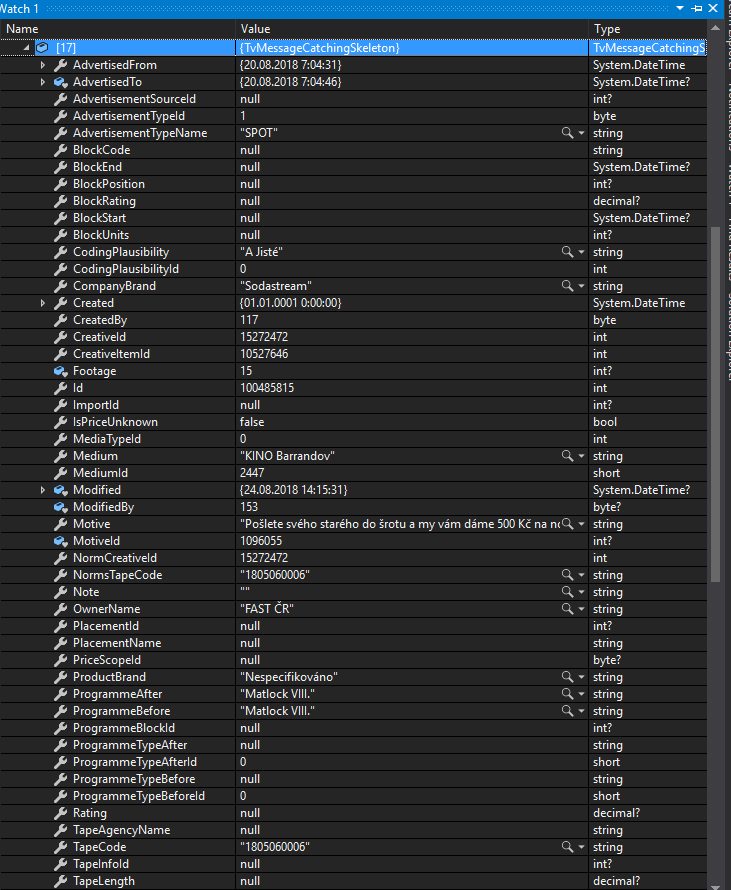
* **Vyberu z ni jen zakladni dotaz jak mi poradil Petr , vrati se mi toto**

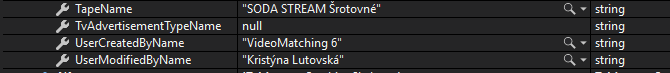
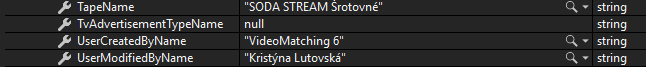


* Nejprve dostanu zaklad
* Potom prijoinuju zbytek
* Kolekci insertnu do temptabulky
* Spojim s cte a dostanu result

## pokr

**Spravna data od puvodni query: A data moji query:**

****

****

INSERT INTO ##TempCatchingMessages (Id,NormCreativeId, CreativeId, AdvertisedFrom,AdvertisedTo, CreatedBy, ModifiedBy,Footage, Modified,

MediumId,Medium,TapeCode,TapeName,PlacementId,Note,ProgrammeBefore,ProgrammeAfter,AdvertisementTypeId,UserCreatedByName,

UserModifiedByName,PlacementName,AdvertisementTypeName,CodingPlausibility)

SELECT mm.Id, mm.NormCreativeId, mm.CreativeId, mm.AdvertisedFrom, mm.AdvertisedTo, mm.CreatedBy, mm.ModifiedBy, tmm.Footage, mm.Modified,

mm.MediumId, mdv.Name AS Medium, ti.TapeCode, ti.TapeName, mm.PlacementId, mm.Note, pbl.ProgrammeBefore,

pbl.ProgrammeAfter, mm.AdvertisementTypeId, uc.UserName AS UserCreatedByName, um.UserName AS UserModifiedByName, p.Name AS PlacementName,

at.Name AS AdvertisementTypeName, cp.Name AS CodingPlausibility

FROM Media.MediaMessage mm

INNER JOIN Media.TvMediaMessage tmm ON mm.Id = tmm.Id

INNER JOIN Media.Medium md ON mm.MediumId = md.Id

INNER JOIN Media.MediumVersion mdv ON md.Id = mdv.MediumId AND mdv.ActiveFrom <= mm.AdvertisedFrom AND mdv.ActiveTo > mm.AdvertisedFrom

INNER JOIN Media.CodingPlausibility cp ON mm.CodingPlausibilityId = cp.Id

LEFT JOIN Media.ProgrammeBlock pbl ON tmm.ProgrammeBlockId = pbl.Id

LEFT JOIN Media.TapeInfo ti ON tmm.TapeInfoId = ti.Id

LEFT JOIN Security.[User] uc ON mm.CreatedBy = uc.Id

LEFT JOIN Media.AdvertisementType at ON mm.AdvertisementTypeId = at.Id

LEFT JOIN Security.[User] um ON mm.ModifiedBy = um.Id

LEFT JOIN Media.Placement p ON mm.PlacementId = p.Id

WHERE mm.AdvertisedFrom >= @fromHelper AND mm.AdvertisedFrom < @to AND mm.AdvertisedTo > @from AND mm.AdvertisedTo < @to

AND mm.MediumId IN ({0})

;WITH A AS -- #42544 Nahraj pro kazdou MM TapeCode od normy. Vezme se TapeCode od nejstarsi zpravy normy

(

SELECT temp.\*, ti2.TapeCode AS NormsTapeCode,

ROW\_NUMBER() OVER (PARTITION BY mm2.NormCreativeId, temp.Id ORDER BY mm2.Created) AS RN

FROM ##TempCatchingMessages temp

JOIN Media.MediaMessage mm2 ON mm2.NormCreativeId = temp.NormCreativeId

JOIN Media.TvMediaMessage tmm2 ON mm2.Id = tmm2.Id

LEFT JOIN Media.TapeInfo ti2 ON tmm2.TapeInfoId = ti2.Id

)

SELECT \* FROM A WHERE a.RN = 1

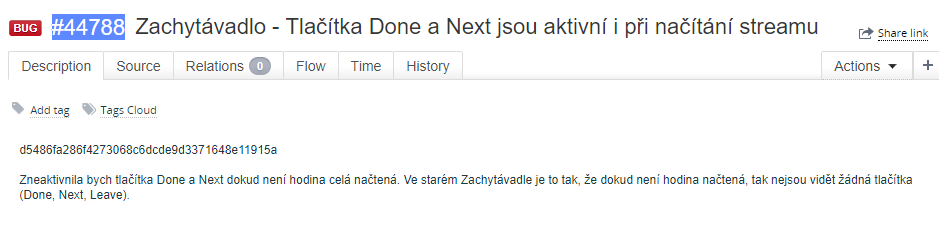
## Proc v hotove query nesmi byt delete

Je popsano I s komentarem v sql scriptu

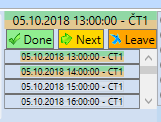
[..\My Scripts\Zachytavadlo\Analyza query Holubec\Uz rozdelovani query\Hotovy dotaz vse v jednom per session - Oprava bugu s komentarem.sql](../My%20Scripts/Zachytavadlo/Analyza%20query%20Holubec/Uz%20rozdelovani%20query/Hotovy%20dotaz%20vse%20v%20jednom%20per%20session%20-%20Oprava%20bugu%20s%20komentarem.sql)

# Zachytávadlo - Tlačítka Done a Next jsou aktivní i při načítání streamu

[#44788](https://tp.mediaresearch.cz/RestUI/Board.aspx?acid=6C17D8319C81AC3D36AFAD64CAE08A28&acid=6C17D8319C81AC3D36AFAD64CAE08A28#page=bug/44788&appConfig=eyJhY2lkIjoiNDRGMDk4QUQ1MDIzMThCMDQzODI4QTQ0OTU3OUI2RjkifQ==)



Po predelani streamu Holubcem pribyl v MainTopMenuView StreamListWithActualStreamView



Cast dole je itemsControl, kde jednotlive radky predstavuji IVideoProcessWrapper. Mame ActualStream to je ten zobrazovany. Iva chce aby tlacitka byly aktivni az kdyz bude tento stream nacteny.

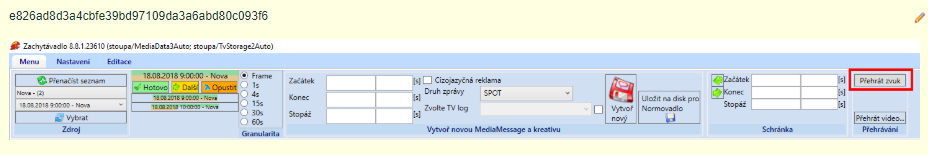
# Neprehrava stream od zacatku MM

**G**[#45291](https://tp.mediaresearch.cz/RestUI/Board.aspx?acid=6C17D8319C81AC3D36AFAD64CAE08A28&acid=6C17D8319C81AC3D36AFAD64CAE08A28#page=bug/45291&appConfig=eyJhY2lkIjoiNDRGMDk4QUQ1MDIzMThCMDQzODI4QTQ0OTU3OUI2RjkifQ==)



# Nefunguje prehrani zvuku

[#44830](https://tp.mediaresearch.cz/RestUI/Board.aspx?acid=6C17D8319C81AC3D36AFAD64CAE08A28&acid=6C17D8319C81AC3D36AFAD64CAE08A28#page=bug/44830&appConfig=eyJhY2lkIjoiNDRGMDk4QUQ1MDIzMThCMDQzODI4QTQ0OTU3OUI2RjkifQ==)



Kouknul jsem jak je to ve videoPlayeru, a nastavil jsem novy source (AudioPlayerViewModel). Pozor: aby bylo mozne nastavit pozici, musi byt prehrava playing (nejprve .Play(), pak pozici). U videoprehravace je zobrazovany cas posunuty. Je to z duvodu shiftu na vysilani.

public void Play()

{

try

{

var requestedStreamFile = m\_fileStreamStorage.RequestStreamFile(new StreamFileRequest(ActualStreamHolder.ActualStream.VideoProcessId,

ActualStreamHolder.ActualStream.UnderlyingStream.TvStorageOutputRequestId.Value, int.MaxValue, CancellationToken.None)).GetAwaiter().GetResult();

Source = new Uri(requestedStreamFile.FileInfo.FullName, UriKind.Absolute);

m\_view.soundElement.Play();

m\_view.soundElement.Position = TimeSpan.FromSeconds((double)m\_streamPositionProvider.GetActualPosition());

SetButtons(true);

}

catch (Exception ex)

{

if (m\_log.IsErrorEnabled)

m\_log.Error("Unable to play audio!", ex);

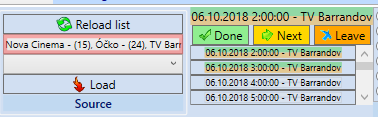
}

}

# Načítání streamů - Nezačne se načítat vybraný v comboboxu

[#45105](https://tp.mediaresearch.cz/RestUI/Board.aspx?acid=6C17D8319C81AC3D36AFAD64CAE08A28&acid=6C17D8319C81AC3D36AFAD64CAE08A28#page=bug/45105&appConfig=eyJhY2lkIjoiNDRGMDk4QUQ1MDIzMThCMDQzODI4QTQ0OTU3OUI2RjkifQ==)

(VideoProcessCatchingSkeletons) - SourceMenuGroupView. Mediums



StreamsCollection

ActualStream

SourcesByMediums

Mediums = Sources.GroupBy(d => d.MediumName).Select(d => new MediumNameWrapper()

Mame SelectedSourceByMedium, Tlacitkem Load se dostanu do metody Confirm()

**Reseni** : opravil P Holubec