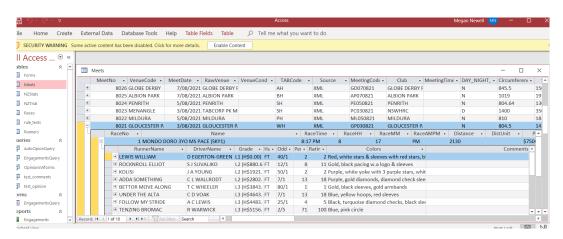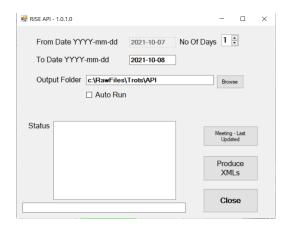# RISE API v1.01

1. Not sure why it is required to change the Races/Odd field from 5 to 6

Please see the DB screenshot – the format stored there is 100/1 – the only odds that should present a problem are 1001.00

2. The FROM DATE is unable to be edited. Need to allow editing of the start date – in practice this process is extremely slow, and we do not need to always download the files for today's date. Note that there may be multiple updates for today's meetings once they start to run, which means they are marked as updated often so are included each time we trigger the process. Need to be able to set this from this GUI if we want.

3. What function does the MeetingLastUpdated button trigger? The screen shows me the dates of the last update – I am assuming from the website – is this for user to view or does it trigger something in the API program itself?

4. FEEDBACK – file comparison – some refinements still required. This grid contains what has been found, further information found in notes below for many of these instances. Yellow highlight means unable to check my end as no live time examples found. If you know the answer please let me know. Greyed out text can be ignored – I have just included it for my notes moving forward to know how items have or need to be handled. Green highlight relates to a fix that can be done after API process done – requires a fix in Trots Program so perhaps on auto ingestion of data.

XML FIELD	Old xml value	API value	Notes	OUTPUT Affected
MEETING_SPRINT_LANE	Sprint lane in operation	true	Change data in API to translate true = Sprint lane in operation	NONE – CAN LEAVE AS IS
MEETING_IS_TAB	TAB		Does api exclude nontab meets? Need to check when available on HRA for download	
RACE_STAKES	$7,500	7500	NEED TO ADD DOLLAR SIGN TO API XML FILE PRIOR TO INPUT	SAFXML
RACE_AGE_SEX_DESCRIPTION	2YO	MISSING	Should be taking concenated value from API node: ageRestriction + ageSexDescription	
RACE_SEX_DESCRIPTION	Fillies	MISSING	Store data from API node: sexRestriction	
RACE_ATC_CLASS	2YO	???	Store Data from APInode: classRestriction	
RACE_START_TYPE_WORD	Mobile Start	Mobile	DB Values are S / M so difference not any problem as translated correctly on input	NONE – CAN LEAVE AS IS
RACE_DISC_HCP	Blank / Discretionary Handicap	False/True	NEED TO CHANGE API -XML FILE- if value=False then leave XML element blank If value=True then XML element=Discretionary Handicap	
RACE_CONDITIONS_DESCRIPTION	EMPTY	???	This data not contained in API results so simply leave the XML element as empty	
HORSE_ROW	1, 2, 3	1,2 or blank	Needs to be derived from the API node: barrier is OK in mobile start races but not working for StandStarts	

HORSE_POSITION	1......15	Blank	Needs to be derived from the API node: barrier	
HORSE_FRONT_ROW_FLAG	1 or 2	1 or blank	Derived from API node: frontRowFlag if value=true then=1 Value=false then=2	
HORSE_TRAINER_STABLE	Calvert	No Need	"No Need" is appearing – this XML element should be value of the data from the API node: trainerStable	
FORM_MARGIN_1_2	12.3	12.3m	Differences are not of consequence upon file processing DB values are the same format	NONE – CAN LEAVE AS IS
FORM_DRIVER	Short name	Long name	<mark>Needs to be translated on input**</mark>conversely could make change to output to pull from Driver Translation table – need to check if still in use** not part of API fix as file processing input/output as determined best	SAFXML – could this be changed on output via translation table?
<FORM_MONTE>	EMPTY ** very rare haven't been able to test	Is showing data from APInode raceClass	No corresponding API node -	Need to check to see if available
<FORM_CLASS>	Multiple variables	Multiple variables	Is incorrectly duplicated from raceClass Should be from API node: raceClassRestriction	
<FORM_CLASS_OF_RACE>	Multiple variables	Multiple variables	Is incorrectly duplicated from raceClass Should be from API node: classOfRace	

NOTE - Unable to check these special circumstances in live testing will continue to monitor for examples:

MONTE

TROTTER IN PACERS

MISSING RACE – RACE TITLE PLACEHOLDER WITH NO RUNNERS (HEAT / FINAL CONDITIONS)

NON-TAB meeting is this ignored or created via API call for date

NEW DB FIELDS – NOT YET ACTIONED

Monte Stats   horseMileRate

TrainerNameLong   horseOverAllTime

5.   <RACE_ATC_CLASS> has ??? as it's data – just store data from API node: classRestriction to this element

DownloadXML

API-produced XML

6.   Problem – <HORSE_ROW> & <HORSE_POSITION>– I didn't give any instructions for these elements as neither has no corresponding API nodes. Needs to be derived utilising the details from the "barrier" node. Note the comparison of the following data as currently is taking place in the following Stand Start race

Download XML

```
<RACE_LIST_HORSES>
  <HORSE>
    <MEETING_CODE>BA131021</MEETING_CODE>
    <RACE_CODE>BAC13102105</RACE_CODE>
    <HORSE_ID>805284</HORSE_ID>
    <HORSE_STATE>VIC</HORSE_STATE>
    <HORSE_BRAND_NO>15Z3020</HORSE_BRAND_NO>
    <HORSE_LIP_TATTOO/>
    <HORSE_REF_BRAND/>
    <HORSE_CERT_NO/>
    <HORSE_RAC_NO>15Z3020</HORSE_RAC_NO>
    <HORSE_SIRE_HORSE_ID>780273</HORSE_SIRE_HORSE_ID>
    <HORSE_DAM_HORSE_ID>190305</HORSE_DAM_HORSE_ID>
    <HORSE_SIRE_OF_DAM_HORSE_ID>148331</HORSE_SIRE_OF_DAM_HORSE
    <HORSE_DAM_OF_DAM_HORSE_ID>480387</HORSE_DAM_OF_DAM_HORSE_
    <HORSE_BREEDER_CLIENT_ID>10546415</HORSE_BREEDER_CLIENT_ID
    <HORSE_OWNER_LESSEE_CLIENT_ID>10177406</HORSE_OWNER_LESSEE
    <HORSE_TRAINER_CLIENT_ID>10040851</HORSE_TRAINER_CLIENT_ID
    <HORSE_DRIVER_CLIENT_ID>10134880</HORSE_DRIVER_CLIENT_ID>
    <HORSE_SADDLECLOTH>1</HORSE_SADDLECLOTH>
    <HORSE_BARRIER>FT Fr1</HORSE_BARRIER>
    <HORSE_ROW>1</HORSE_ROW>
    <HORSE_POSITION>1</HORSE_POSITION>
    <HORSE_FRONT_ROW_FLAG>1</HORSE_FRONT_ROW_FLAG>
    <HORSE_NAME>PETITE LOVE NZ</HORSE_NAME>
    <HORSE_STATE_BRED_ELIGIBLE/>
    <HORSE_CLASS>NR57 (A52)</HORSE_CLASS>
    <HORSE_CLASS_METRO/>
    <HORSE_HANDICAP>FT</HORSE_HANDICAP>
    <HORSE_ODS_STATUS/>
    <HORSE_RODS_STATUS/>
```

API-produced XML

```
<RACE_LIST_HORSES>
  <HORSE>
    <MEETING_CODE>BA131021</MEETING_CODE>
    <RACE_CODE>BAC13102105</RACE_CODE>
    <HORSE_ID>851869</HORSE_ID>
    <HORSE_STATE>VIC</HORSE_STATE>
    <HORSE_BRAND_NO>15Z3020</HORSE_BRAND_NO>
    <HORSE_LIP_TATTOO/>
    <HORSE_REF_BRAND/>
    <HORSE_CERT_NO/>
    <HORSE_RAC_NO/>
    <HORSE_SIRE_HORSE_ID/>
    <HORSE_DAM_HORSE_ID/>
    <HORSE_SIRE_OF_DAM_HORSE_ID/>
    <HORSE_DAM_OF_DAM_HORSE_ID/>
    <HORSE_BREEDER_CLIENT_ID/>
    <HORSE_OWNER_LESSEE_CLIENT_ID/>
    <HORSE_TRAINER_CLIENT_ID/>
    <HORSE_DRIVER_CLIENT_ID/>
    <HORSE_SADDLECLOTH>1</HORSE_SADDLECLOTH>
    <HORSE_BARRIER>FT Fr1</HORSE_BARRIER>
    <HORSE_ROW>2</HORSE_ROW>
    <HORSE_POSITION> </HORSE_POSITION>
    <HORSE_FRONT_ROW_FLAG>1</HORSE_FRONT_ROW_FLAG>
    <HORSE_NAME>PETITE LOVE NZ</HORSE_NAME>
    <HORSE_STATE_BRED_ELIGIBLE/>
    <HORSE_CLASS>NR57 (A52)</HORSE_CLASS>
    <HORSE_CLASS_METRO/>
    <HORSE_HANDICAP>FT</HORSE_HANDICAP>
```
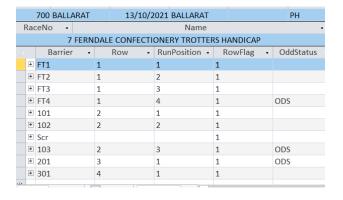
DB from DOWNLOAD-XML

700 BALLARAT		13/10/2021 BALLARAT			PH
RaceNo			Name		
7 FERNDALE CONFECTIONERY TROTTERS HANDICAP					
Barrier	Row	RunPosition	RowFlag	OddStatus	
FT1	1	1	1		
FT2	1	2	1		
FT3	1	3	1		
FT4	1	4	1	ODS	
101	2	1	1		
102	2	2	1		
Scr			1		
103	2	3	1	ODS	
201	3	1	1	ODS	
301	4	1	1		

DB from API-XML

8053 BALLARAT		13/10/2021 Ballarat			PH
RaceNo			Name		
7 FERNDALE CONFECTIONERY TROTTERS HANDICAP					
Barrier	RowStart	RunPosition	RowFlag	OddStatus	
FT1	2		1		
FT2	2		1		
FT3	2		1		
FT4	2		1	ODS	
101	2		1		
102	2		1		
Scr	2	r	1		
103	2		1	ODS	
201	2		1	ODS	
301	2		1		

API CALL RESULTS

JSON Viewer

- age : 5
- barrier : FT Fr1
- bestMileRate : TR2:04.2
- breeder : Yabby Dam Farms Pty Ltd
- breederId : 851869BCF59936D1E055005E00000019
- broodmareSireId : 851869C2B49036D1E055005E000000
- broodmareSireName : PINE CHIP (US)
- claimingPrice : null
- class : NR57 (A52)
- colour : BROWN
- damId : 851869C3314D36D1E055005E00000019
- damName : MICRO CHIP NZ
- driverBirthDateTime : 1981-07-17T00:00:00+1000
- driverConcessionFlag :
- driverDOB : 1981-07-17
- driverGender : M
- driverId : 851869BCB50436D1E055005E00000019
- driverInitials : R W
- driverLastName : Petroff
- driverName : Rodney Petroff
- driverNameShort : R W Petroff
- driverPreferredName : Rodney
- driverTitle : Mr
- emergency :
- engagements :
- exactDistStats : 1-0-1-0
- exactDistTrackStats : 1-0-1-0
- form
- formCommentary :
- freezebrand : 15Z3020
- frontRowFlag : true
- gait : TROTTER
- gearAdded :
- gearCurrent : Bit - Headcheck, Bit - Snaffle, Blinkers - Do
- gearRemoved :
- handicap : FT
- horseFoalDate : 2015-11-28
- horseFoalDateTime : 2015-11-28T00:00:00+1100
- horseId : 851869C7A69C36D1E055005E00000019
- lastSeasonFigureForm : s15846s45618285243203
- lastSeasonStakes : $15,100
- lastSeasonStats : 19-2-5
- lastSeasonStatsExtended : 19-2-3-2
- lastSixStartsFigureForm : s73346
- lastThreeWithClass : 3c4c6c
- lateScratchingFlag : false
- lifetimeFigureForm : 125s15846s4561828524320315449
- lifetimeStakes : $25,930

When 'barrier' contains two pieces of data note that the first part of the barrier denotes the ROW. "FT" is Always 1 – this is reserved even if no horse is off the FT (e.g. GP121021-Race7 screenshot below). Each different consecutive mark is then numbered consecutively – note if it there was a horse off the 10m mark in the following example then it would be row-2, 20 would then become 3, 40->4, 50->5, 70->6

FT = 1
20=2
40=3
50=4
70=5

Second part of the barrier denotes RunPosition
Fr1 = 1
Fr2 = 2
Fr6 = 6
Sr1 = 1
Sr3 = 3

Note this is different for Mobile start races – in these cases 'barrier' node only contains Fr1 or Sr3 - there is not FT or 20 preceeding it. For these cases
ROW –> Fr = 1; Sr = 2
RUNPOSITION is the number that follows the 'r':
 Fr1=1.. Fr3=3; Sr1=1, Sr3=3 etc

JSON Viewer

- 7
  - age : 9
  - barrier : 10 Fr3
  - bestMileRate : TR2:01.6MS
  - breeder : D M Moss, K L Moss
  - breederId : 851869BF406C36D1E055005E00000019
  - broodmareSireId : 851869C2ED6E36D1E055005E000000
  - broodmareSireName : GRANT OUR WISHES USA
  - claimingPrice : null
  - class : NR56
  - colour : BAY
  - damId : 851869C3344F36D1E055005E00000019
  - damName : HERSHEY NZ
  - driverBirthDateTime : 1954-11-14T00:00:00+1000
  - driverConcessionFlag :
  - driverDOB : 1954-11-14
  - driverGender : F
  - driverId : 851869BDD25C36D1E055005E00000019
  - driverInitials : D M
  - driverLastName : Wicks-Moss
  - driverName : Debra Wicks-Moss
  - driverNameShort : D M Wicks-Moss
  - driverPreferredName : Debra
  - driverTitle : Mrs
  - emergency :
  - engagements :
  - exactDistStats : 13-1-3-0
  - exactDistTrackStats : 13-1-3-0
  - form
  - formCommentary :
  - freezebrand : S3110188
  - frontRowFlag : true
  - gait : TROTTER
  - gearAdded : Bit - Straight, HIDZ HOOD
  - gearCurrent : Bandages, Bit - Headcheck, Bit - Straight,
  - gearRemoved : Bit - Snaffle, Deafeners - Hood
  - handicap : 10
  - horseFoalDate : 2011-10-18
  - horseFoalDateTime : 2011-10-18T00:00:00+1100
  - horseId : 851869C739AD36D1E055005E00000019
  - lastSeasonFigureForm : 2447s753269s2545
  - lastSeasonStakes : $6,350
  - lastSeasonStats : 14-0-4
  - lastSeasonStatsExtended : 14-0-3-1
  - lastSixStartsFigureForm : 45s789
  - lastThreeWithClass : 7c8c9c
  - lateScratchingFlag : false
  - lifetimeFigureForm : 2s632s9221s152s744172447s7532...

Note <HORSE_POSITION> in the XML is stored to RunPosition in the DB; <HORSE_ROW> to Row; and <HORSE_BARRIER> to Barrier**it's converted on input to the desired format.

Example of GP131021-Race7 a Stand Start / Handicap race where there is no horses off the front and they are not all off consecutive 10m marks as shown in the screenshot below

701 GLOUCESTER P.	12/10/2021 GLOUCESTER P.				WH
RaceNo	Name				
7 GP WELCOMES THE RUNNING CAMEL & TEAM BOND SS TROT (S					
Barrier	Row	RunPosition	RowFlag	OddStat	
201	2	1	1		
401	3	1	1		
402	3	2	1		
403	3	3	1	ODS	
501	4	1	1		
601	5	1	1		
602	5	2	1		

The corresponding API 'barrier' values for this example would be:
20 Fr1
40 Fr1
40 Fr2
40 Fr3
50 Fr1
60 Fr1
60 Fr2

Mobile Start

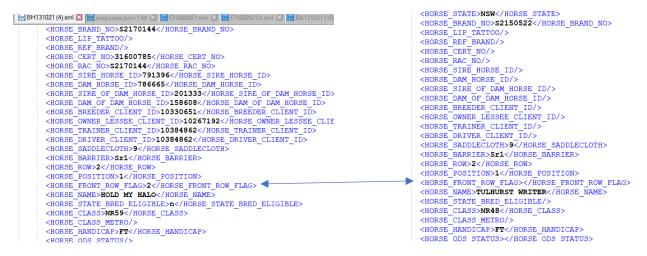| 6 SPECIALISED EQUIPMENT FUNDING SOLUTIONS MS PACE (SKY1)				
Barrier	Row	RunPosition	RowFlag	OddStatus
Fr1	1	1	1	
Fr2	1	2	1	
Fr3	1	3	1	
Fr4	1	4	1	
Fr5	1	5	1	
Fr6	1	6	1	
Fr7	1	7	1	

The corresponding API 'barrier' values for this example would be:
Fr1
Fr2
Fr2
Fr3
Fr4
Fr5
Fr6
Fr7

7. <HORSE_FRONT_ROW_FLAG> (DB:RowFlag) is not working for 'false' attribute. When value of API node frontRowFlag = true value 1 is produced in XML

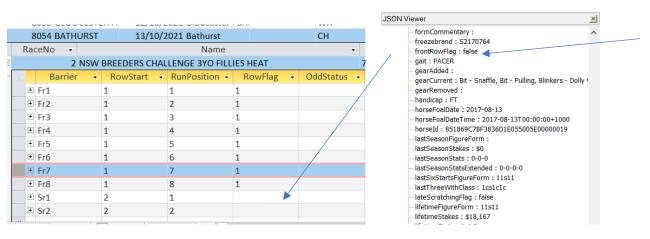   If frontRowFlag = false the value 2 should be produced in XML

DOWNLOAD – XML

API_Produced XML

DB after API-XML

API CALL FOR THIS RACE

8. RACE LEVEL Class issue - <RACE_SEX_DESCRIPTION> is blank/empty & <RACE_AGE_SEX_DESCRIPTION> only contains details of SexRestriction is missing the AgeRestriction details

Fields in DB are

- AgeRestriction
- SexRestriction
- AGE_SEX_DESCRIPTION

Elements in XML are

- <RACE_AGE_RESTRICTION>
- <RACE_SEX_DESCRIPTION>
- <RACE_AGE_SEX_RESTRICTION>

In the API output there is

- AgeRestriction
- SexRestriction

Currently the API:AgeRestriction is currently populating the <RACE_AGE_RESTRICTION>

But the API:SexDescription data is apprearing in the <RACE_AGE_SEX_DESCRIPTION> with the <RACE_SEX_DESCRIPTION> left empty.

Needs to be as follows:

XML ELEMENT	API NODE
RACE_AGE_RESTRICTION	AgeRestriction
RACE_SEX_DESCRIPTION	SexDescription
RACE_AGE_SEX_DESCRIPTION	AgeRestriction + SexDescription

This is the result of a call to the API for the data on the example race.

Note the two separate data nodes that contain this information

API-produced XML

```
ml X   GP081021.xml X   BH131021.xml X   BH131021 (4).xml X   response.json-1.txt X

<RACE_NUMBER>2</RACE_NUMBER>
<RACE_NAME>NSW BREEDERS CHALLENGE 3YO FILLIES HEAT</RACE_NAME>
<RACE_SHORT_RACE_NAME>NSW BC 3YO FILLIES HEAT</RACE_SHORT_RACE_NAME>
<RACE_TIME>7:12 PM</RACE_TIME>
<RACE_TS>13/10/2021 7:12:00 PM</RACE_TS>
<RACE_DISTANCE>1730</RACE_DISTANCE>
<RACE_START_TYPE>MS</RACE_START_TYPE>
<RACE_STAKES>10000</RACE_STAKES>
<RACE_TROPHY/>
<RACE_AGE_RESTRICTION>3YO</RACE_AGE_RESTRICTION>
<RACE_CLASS>C-CLASS (MV)</RACE_CLASS>
<RACE_CLASS_RESTRICTION>No NR.</RACE_CLASS_RESTRICTION>
<RACE_GAIT>PACERS</RACE_GAIT>
<RACE_SEX_RESTRICTION/>
<RACE_BARRIER_DRAW_TYPE>RBD</RACE_BARRIER_DRAW_TYPE>
<RACE_PRIZEMONEY_1_4>1st $6,000, 2nd $1,500, 3rd $1,000, 4th $600</RACE_PRIZEMONEY_1_4>
<RACE_PRIZEMONEY_ALL>1st $6,000, 2nd $1,500, 3rd $1,000, 4th $600, 5th $400, 6th $100, 7th $100, 8th $100, 9th $100,
</RACE_PRIZEMONEY_ALL>
<RACE_TRACK_RECORD/>
<RACE_AGE_SEX_TRACK_RECORD>1:52.1 Anntonia 27/03/2021</RACE_AGE_SEX_TRACK_RECORD>
<RACE_BET_TYPES>TRIFECTA, QUINELLA, EXACTA, FIRST4</RACE_BET_TYPES>
<RACE_NOTES>For 3YO horses Eligible and sustained for NSWBC. See conditions at www.nswbred.com.au.</RACE_NOTES>
<RACE_AGE_SEX_DESCRIPTION>Fillies</RACE_AGE_SEX_DESCRIPTION>
<RACE_ATC_CLASS>???</RACE_ATC_CLASS>
<RACE_BARRIER_DRAW_DESCRIPTION/>
<RACE_STAKES_1_4_UNFORMATTED/>
```

Compared to

DOWNLOADED XML

```
il X   GP081021.xml X   BH131021.xml X   BH131021 (4).xml X   response.json-1.txt X

<RACE_NUMBER>2</RACE_NUMBER>
<RACE_NAME>NSW BREEDERS CHALLENGE 3YO FILLIES HEAT</RACE_NAME>
<RACE_SHORT_RACE_NAME>NSW BC 3YO FILLIES HEAT</RACE_SHORT_RACE_NAME>
<RACE_TIME>7:12 PM</RACE_TIME>
<RACE_TS>2021-10-13 19:12:00.69120</RACE_TS>
<RACE_DISTANCE>1730</RACE_DISTANCE>
<RACE_START_TYPE>MS</RACE_START_TYPE>
<RACE_STAKES>$10,000</RACE_STAKES>
<RACE_TROPHY/>
<RACE_AGE_RESTRICTION>3YO</RACE_AGE_RESTRICTION>
<RACE_CLASS>C-CLASS (MV)</RACE_CLASS>
<RACE_CLASS_RESTRICTION>No NR.</RACE_CLASS_RESTRICTION>
<RACE_GAIT>PACERS</RACE_GAIT>
<RACE_SEX_RESTRICTION>Fillies</RACE_SEX_RESTRICTION>
<RACE_BARRIER_DRAW_TYPE>RBD</RACE_BARRIER_DRAW_TYPE>
<RACE_PRIZEMONEY_1_4>1st $6,000, 2nd $1,500, 3rd $1,000, 4th $600</RACE_PRIZEMONEY_1_4>
<RACE_PRIZEMONEY_ALL>1st $6,000, 2nd $1,500, 3rd $1,000, 4th $600, 5th $400, 6th $100, 7th $100, 8th $100, 9th $100, 10th $
</RACE_PRIZEMONEY_ALL>
<RACE_TRACK_RECORD>1:52.1 Anntonia 27/03/2021</RACE_TRACK_RECORD>
<RACE_AGE_SEX_TRACK_RECORD>1:52.1 Anntonia 27/03/2021</RACE_AGE_SEX_TRACK_RECORD>
<RACE_BET_TYPES>TRIFECTA, QUINELLA, EXACTA, FIRST4</RACE_BET_TYPES>
<RACE_NOTES>For 3YO horses Eligible and sustained for NSWBC. See conditions at www.nswbred.com.au.</RACE_NOTES>
<RACE_AGE_SEX_DESCRIPTION>3YO Fillies</RACE_AGE_SEX_DESCRIPTION>
<RACE_ATC_CLASS>3YO</RACE_ATC_CLASS>
<RACE_BARRIER_DRAW_DESCRIPTION/>
```

9. Form Level issue – data from raceClass in API call is being used to populate all three of the XML tags. Need to correct which API node is stored to which XML element in order to correct data stored to DB.

DB fields
- classRace
- classType
- FORM_CLASS

DOWNLOADED XML elements
- <FORM_RACE_CLASS_TYPE>
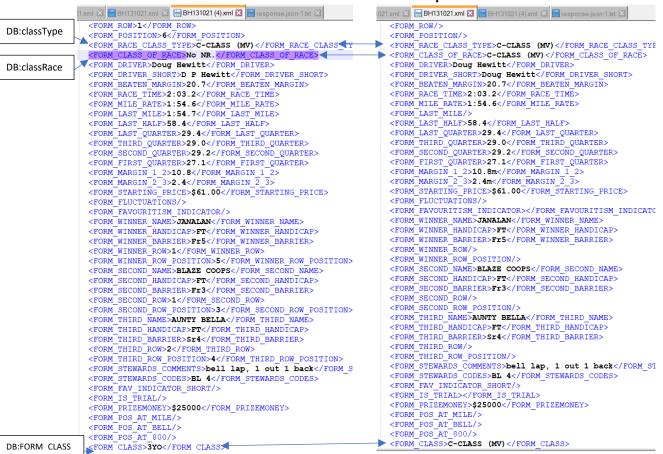- <FORM_CLASS_OF_RACE>
- <FORM_CLASS>

API CALL
- classOfRace
- raceClass
- raceClassRestriction
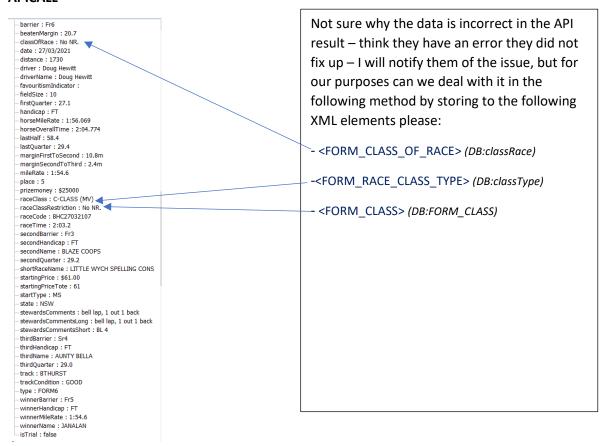
DOWNLOAD XML   **API-produced XML**

On the next page is the screenshot of the API result, and notes as to which XML element they should be matched to.

APICALL

```
barrier : Fr6
beatenMargin : 20.7
classOfRace : No NR.
date : 27/03/2021
distance : 1730
driver : Doug Hewitt
driverName : Doug Hewitt
favouritismIndicator :
fieldSize : 10
firstQuarter : 27.1
handicap : FT
horseMileRate : 1:56.069
horseOverallTime : 2:04.774
lastHalf : 58.4
lastQuarter : 29.4
marginFirstToSecond : 10.8m
marginSecondToThird : 2.4m
mileRate : 1:54.6
place : 5
prizemoney : $25000
raceClass : C-CLASS (MV)
raceClassRestriction : No NR.
raceCode : BHC27032107
raceTime : 2:03.2
secondBarrier : Fr3
secondHandicap : FT
secondName : BLAZE COOPS
secondQuarter : 29.2
shortRaceName : LITTLE WYCH SPELLING CONS
startingPrice : $61.00
startingPriceTote : 61
startType : MS
state : NSW
stewardsComments : bell lap, 1 out 1 back
stewardsCommentsLong : bell lap, 1 out 1 back
stewardsCommentsShort : BL 4
thirdBarrier : Sr4
thirdHandicap : FT
thirdName : AUNTY BELLA
thirdQuarter : 29.0
track : BTHURST
trackCondition : GOOD
type : FORM6
winnerBarrier : Fr5
winnerHandicap : FT
winnerMileRate : 1:54.6
winnerName : JANALAN
isTrial : false
```

Not sure why the data is incorrect in the API result – think they have an error they did not fix up – I will notify them of the issue, but for our purposes can we deal with it in the following method by storing to the following XML elements please:

- <FORM_CLASS_OF_RACE> *(DB:classRace)*

-<FORM_RACE_CLASS_TYPE> *(DB:classType)*

- <FORM_CLASS> *(DB:FORM_CLASS)*

10. FORM LEVEL - API Data populating wrong XML field. Note that the XML <FORM_MONTE> element has no currently available API node to link to so should be left as an empty element. Currently the data from one of the three class associated API nodes listed below is populating it – assuming raceClass though cannot tell which one as there is an error as per previous point.

- classOfRace
- raceClass
- raceClassRestriction

```
<FORM_WINNER_ROW/>
<FORM_WINNER_ROW_POSITION/>
<FORM_SECOND_NAME>BLAZE COOPS</FORM_SECOND_NAME>
<FORM_SECOND_HANDICAP>FT</FORM_SECOND_HANDICAP>
<FORM_SECOND_BARRIER>Fr3</FORM_SECOND_BARRIER>
<FORM_SECOND_ROW/>
<FORM_SECOND_ROW_POSITION/>
<FORM_THIRD_NAME>AUNTY BELLA</FORM_THIRD_NAME>
<FORM_THIRD_HANDICAP>FT</FORM_THIRD_HANDICAP>
<FORM_THIRD_BARRIER>Sr4</FORM_THIRD_BARRIER>
<FORM_THIRD_ROW/>
<FORM_THIRD_ROW_POSITION/>
<FORM_STEWARDS_COMMENTS>bell lap, 1 out 1 back</FORM_STEWARDS_COMMENTS>
<FORM_STEWARDS_CODES>BL 4</FORM_STEWARDS_CODES>
<FORM_FAV_INDICATOR_SHORT/>
<FORM_IS_TRIAL></FORM_IS_TRIAL>
<FORM_PRIZEMONEY>$25000</FORM_PRIZEMONEY>
<FORM_POS_AT_MILE/>
<FORM_POS_AT_BELL/>
<FORM_POS_AT_800/>
<FORM_CLASS>C-CLASS (MV)</FORM_CLASS>
<FORM_SADDLECLOTH_NUMBER/>
<FORM_PREVIEW/>
<FORM_REVIEW/>
<FORM_TRACK_LONG/>
<FORM_MONTE>C-CLASS (MV)</FORM_MONTE>
</FORM>
```

11. TIMING ISSUE Error message received, halted the creation of the files and needed to be retriggered. Occurs each morning on first pass even though I had reduced number of days to only 1 or 2 days worth - still happens on some days if 1 day depending on how many meetings are scheduled for that day (eg FRI might have 7 and SAT 6 – this is likely to be too many and would cause the error, while on WED there's 3 and THURS 4 so it might be ok)– if I try to download 5 days initially it keeps failing multiple times – I need to reduce the number of days in the first pass just to get it to work. Why is this occurring? I assume we are not the only people polling for data – is there a workaround that we need to improve the system? Is there something I need to raise with them that would help here?
   In addition to this the process is extremely slow – is there any way of speeding this up?

The remote server returned an error: (504) Gateway Timeout.

OK

Microsoft .NET Framework

Unhandled exception has occurred in your application. If you click Continue, the application will ignore this error and attempt to continue. If you click Quit, the application will close immediately.

Cannot perform runtime binding on a null reference.

Details   Continue   Quit

See the end of this message for details on invoking
just-in-time (JIT) debugging instead of this dialog box.

************** Exception Text **************
Microsoft.CSharp.RuntimeBinder.RuntimeBinderException: Cannot perform runtime binding on a null reference
   at CallSite.Target(Closure , CallSite , Object , String)
   at System.Dynamic.UpdateDelegates.UpdateAndExecute2[T0,T1,TRet](CallSite site, T0 arg0, T1 arg1)
   at CallSite.Target(Closure , CallSite , Object , String)
   at RiseApi.fMain.processRaces(Object Meet, Object dRaces)
   at CallSite.Target(Closure , CallSite , fMain , Object , Object)
   at RiseApi.fMain.processMeetings(Object dMeetings)
   at CallSite.Target(Closure , CallSite , fMain , Object)
   at RiseApi.fMain.getMeets()
   at RiseApi.fMain.btnGetMeets_Click(Object sender, EventArgs e)
   at System.Windows.Forms.Control.OnClick(EventArgs e)
   at System.Windows.Forms.Button.OnClick(EventArgs e)
   at System.Windows.Forms.Button.OnMouseUp(MouseEventArgs mevent)
   at System.Windows.Forms.Control.WmMouseUp(Message& m, MouseButtons button, Int32 clicks)
   at System.Windows.Forms.Control.WndProc(Message& m)
   at System.Windows.Forms.ButtonBase.WndProc(Message& m)
   at System.Windows.Forms.Button.WndProc(Message& m)
   at System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
   at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
   at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32 msg, IntPtr wparam, IntPtr lparam)