

## Changes for "Rottedatabasen" Web Service

The coming version of "Rottedatabasen" Web Service will have several changes – some of them breaking – for the exposed methods. These changes and the business logic behind them are explained below. For additional information on proposed UI experience, UI labels and UI help notes, please visit the online test/demo site. This will provide a much better UX context than the technical instructions below.

### Method: SearchRotteanmeldelse

Business Logic / Background			
Search method has been extended to support the new fields added to "Rotteanmeldelse".			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	No	Label: "Ejendomstype" Possible values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Added	Bekampelsesudfoerende: string	No	Label: "Bekampelsesudførende" Possible values are: <ul style="list-style-type: none"> <li>▪ "Kommunal bekæmpelse - eget personale"</li> <li>▪ "Kommunal bekæmpelse – bekæmpelsesfirma"</li> <li>▪ "Privat bekæmpelse (R1-autorisation)"</li> <li>▪ "Privat bekæmpelse (R2-autorisation)"</li> </ul>
Added	IsLightweight: bool	No	Default is False. Setting it to true will return a more limited output object. This is useful for retrieving only the information needed to present all objects in a list.
Removed	Ejendom.Dispensation: bool		
Removed	IsSikringsordning: bool		
Removed	UdenForAabningstid: bool		
OUTPUT OBJECT			
Change	Field	Note	
Added	Ejendom.Ejendomstype2: string	Label: "Ejendomstype" Possible values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution"</li> </ul>	

		m.v.” ▪ ”Andet”
Added	Bekaempelsesudfoerende: string	Label: ”Bekæmpelsesudførende” Possible values are: ▪ ”Kommunal bekæmpelse - eget personale” ▪ ”Kommunal bekæmpelse – bekæmpelsesfirma” ▪ ”Privat bekæmpelse (R1-autorisation)” ▪ ”Privat bekæmpelse (R2-autorisation)”
Added	Bekaemper: string	Label: ”Bekæmper”
Added	Autorisationsnummer: string	Label: ”Autorisationsnummer”
Removed	Ejendom.Dispensation: bool	
Removed	IsSikringsordning: bool	
Removed	UdenForAabningstid: bool	

### Method: UpdateRotteanmeldelse

Business Logic / Background			
<p>It is now necessary for the users – in all contexts of the system – to specify the type of Ejendom of the Ejendom object</p> <p>Notice that we also made a correction of the error message returned, when the information for “Ejendom” is not sufficient. The updated error message is: “Der mangler følgende påkrævede felter i din Rotteanmeldelse: (Vejnavn &amp;&amp; Husnr &amp;&amp; Postnr)   (Vejkode &amp;&amp; Husnr &amp;&amp; Postnr).”. This makes it clear that we do not allow Ejendomsnummer as a way to identify an Ejendom.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendom.Ejendomstype2: string	Yes*	Label: ”Ejendomstype” Legal values are: ▪ ”Tilsynspligtig ejendom” ▪ ”Beboelsesejendom” ▪ ”Fødevarer virksomhed” ▪ ”Anden industri Kommunal institution m.v.” ▪ ”Privat-, statslig- eller regional institution m.v.” ▪ ”Andet”  *It is only required for Rotteanmeldelse where anmeldelsesdato>’20-09-2018’
Added	Bekaempelsesudfoerende: string	Yes*	Label: ”Bekæmpelsesudførende” Legal values are: ▪ ”Kommunal bekæmpelse - eget personale” ▪ ”Kommunal bekæmpelse – bekæmpelsesfirma” ▪ ”Privat bekæmpelse (R1-autorisation)” ▪ ”Privat bekæmpelse (R2-autorisation)”

			*It is only required for Rotteanmeldelse where anmeldelsesdato>'20-09-2018'
Added	Bekaemper: string	(Yes) *	Label: "Bekæmper" Additional information that we need to know about "Bekæmpelsesudførende". This field or the field "Autorisationsnummer" must be added for all "Rotteanmeldelse".  *It is only required for Rotteanmeldelse where anmeldelsesdato>'20-09-2018'
Added	Autorisationsnummer: string	(Yes) *	Label: "Autorisationsnummer" Additional information that we need to know about "Bekæmpelsesudførende". This field or the field "Bekæmper" must be added for all "Rotteanmeldelse".  *It is only required for Rotteanmeldelse where anmeldelsesdato>'20-09-2018'
Removed	Ejendom.Dispensation: bool		
Removed	IsSikringsordning: bool		
Removed	UdenForAabningstid: bool		
OUTPUT OBJECT			
Change	Field	Note	
-			

### Method: [SearchSikringsordning](#) / [SearchMySikringsordning](#)

Business Logic / Background			
Search method has been extended to support the new fields added to "Sikringsordning".			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	No	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool?		
OUTPUT OBJECT			
Change	Field	Note	
Added	Ejendomstype2: string	Label: "Ejendomstype" Possible output value are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> </ul>	

		<ul style="list-style-type: none"> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool	
Removed	IsRotteanmeldelse:bool	

### Method: UpdateSikringsordning / UpdateMySikringsordning

Business Logic / Background			
<p>It is now necessary for the users – in all contexts of the system – to specify the type of Ejendom of the Ejendom object.</p> <p>Notice that we also made a correction of the error message returned, when the information for "Ejendom" is not sufficient. The updated error message is: "Der mangler følgende påkrævede felter i din Sikringsordning: (Vejnavn &amp;&amp; Husnr &amp;&amp; Postnr)   (Vejkode &amp;&amp; Husnr &amp;&amp; Postnr)". This makes it clear that we do not allow "Ejendomsnummer" to identify an Ejendom.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	Yes	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool		
OUTPUT OBJECT			
Change	Field	Note	
-			

### Method: SearchTilsyn

Business Logic / Background			
<p>The data model of the "Tilsyn" object was changed drastically and since the existing data was of low quality, it has been decided to delete all existing records and start over. The main change is the removal of one of the current offered options of "Tilsynsresultat" and replacing it with the field IsHome.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	No	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> </ul>

			<ul style="list-style-type: none"> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Modified	Tilsynsresultat: Object	No	Removed the option for "Ingen hjemme" in metadata
Added	IsHome: bool	No	
Removed	Dispensation: bool		
OUTPUT OBJECT			
Change	Field	Note	
Added	Ejendomstype2: string	Label: "Ejendomstype" Possible output value are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>	
Modified	Tilsynsresultat: Object	Removed the object for "Ingen hjemme" in metadata. This option has been converted to the IsHome field.	
Added	IsHome: bool	Proposed labels in UI <ul style="list-style-type: none"> <li>▪ Field: "Beboeren er hjemme"</li> <li>▪ False: "Ingen hjemme"</li> <li>▪ True: "Nogen hjemme"</li> </ul>	
Removed	Dispensation: bool		

### Method: UpdateTilsyn

Business Logic / Background			
<p>The data model of the "Tilsyn" object was changed drastically and since the existing data was of low quality, it has been decided to delete all existing records and start over. The main change is the removal of one of the current offered options of "Tilsynsresultat" and replacing it with the field IsHome.</p> <p>It is now necessary for the users – in all contexts of the system – to specify the type of Ejendom of the Ejendom object.</p> <p>Notice that we also made a correction of the error message returned, when the information for "Ejendom" is not sufficient. The updated error message is: "Der mangler følgende påkrævede felter i din Kampagne: (Vejnavn &amp;&amp; Husnr &amp;&amp; Postnr)   (Vejkode &amp;&amp; Husnr &amp;&amp; Postnr)". This makes it clear that we do not allow "Ejendomsnummer" to identify an Ejendom.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	Yes	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Added	IsHome	Yes	Proposed labels in UI

			<ul style="list-style-type: none"> <li>▪ Field: "Beboeren er hjemme"</li> <li>▪ False: "Ingen hjemme"</li> <li>▪ True: "Nogen hjemme"</li> </ul>
Modified	Tilsynsresultat: Object	Yes	Removed the option for "Ingen hjemme" in metadata
Removed	Dispensation: bool		
OUTPUT OBJECT			
Change	Field	Note	
-			

### Method: SearchBekaempelsesfirma

Business Logic / Background			
It has become necessary to manage two types of "Bekæmpelsesfirma". One for regular "Bekæmpelsesfirma" and one for "R2-authorized private individuals". Since we have made it possible to tag [Bekaempelsesfirma] objects with a Boolean value for when they are R2, we also have extended this method to make it possible to search for it.			
INPUT OBJECT			
Change	Field	Req.	Note
Added	IsR2: bool?	No	Defaults to NULL, which means it is not used as a search parameter
OUTPUT OBJECT			
Change	Field	Note	
Added	IsR2: bool	When 'True', it means that the object is a "R2-authorized private individual"	

### Method: UpdateBekaempelsesfirmaPaabud

Business Logic / Background			
There have not been any changes in the methods properties, but in the UI we have changed the object to be called "Håndhævelsesmiddel" – both for the object as well as for the property "Påbudstype", which is now also called "Håndhævelsesmiddel" in the UI. Also, there has been a change in what the field "CVR" allows. It now allows receiving CVR of "R2-autoriserede erhvervsdrivende"			
INPUT OBJECT			
Change	Field	Req.	Note
Modified	CVR	(Yes)	Now allows CVR of not only currently saved "Bekæmpelsesfirmaer" in the database, but also of not yet registered "R2-autoriserede erhvervsdrivende". Only requirement to register the latter is that they can be found on virk.dk. Once approved they will be added as a "Bekaempelsesfirma" object and thus be used in search methods.
OUTPUT OBJECT			
Change	Field	Note	
-			

## Method: UpdateEjendom

Business Logic / Background			
<p>This method is likely not relevant for third party applications anymore, since we no longer will register "Dispensation" using it. There is thus no longer any relevant data to be updated by the municipalities using the method.</p> <p>It is now necessary for the users – in all contexts of the system – to specify the type of Ejendom of the Ejendom object.</p> <p>Notice that we also made a correction of the error message returned, when the information for "Ejendom" is not sufficient. The updated error message is: "Der mangler følgende påkrævede felter i din Ejendom: (Vejnavn &amp;&amp; Husnr &amp;&amp; Postnr)   (Vejkode &amp;&amp; Husnr &amp;&amp; Postnr)". This makes it clear that we do not allow "Ejendomsnummer" to identify an Ejendom.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	Yes	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool?		
OUTPUT OBJECT			
Change	Field	Note	
-			

## Method: SearchEjendom / SearchEjendomInAll

Business Logic / Background			
<p>In this version we have – on the "Ejendom" object - added the "EjendomsType2" field and removed the one for "Dispensation", which will of course have an impact on this method.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	Ejendomstype2: string	No	Label: "Ejendomstype" Legal values are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool?		
OUTPUT OBJECT			
Change	Field	Note	
Added	Ejendomstype2: string	Label: "Ejendomstype" Possible output value are: <ul style="list-style-type: none"> <li>▪ "Tilsynspligtig ejendom"</li> </ul>	

		<ul style="list-style-type: none"> <li>▪ "Beboelsesejendom"</li> <li>▪ "Fødevarevirksomhed"</li> <li>▪ "Anden industri Kommunal institution m.v."</li> <li>▪ "Privat-, statslig- eller regional institution m.v."</li> <li>▪ "Andet"</li> </ul>
Removed	Dispensation: bool	

#### Method: UpdateBekaempelsesfirma

Business Logic / Background			
<p><i>PS: This method is likely not used by third party applications.</i></p> <p>It has become necessary to manage two types of "Bekæmpelsesfirma". One for regular "Bekæmpelsesfirma" and one for "R2-authorized private individuals". Since we have made it possible to tag [Bekaempelsesfirma] objects with a Boolean value for when they are R2, we also have extended this method to make it possible to update it.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
Added	IsR2: bool	No	Defaults to False
OUTPUT OBJECT			
Change	Field	Note	
-			

#### Method: SearchIndberetning

Business Logic / Background			
<p><i>PS: This method is likely not used by third party applications.</i></p> <p>A lot of additional information has been requested for Indberetning. Please see test/demo site for proposed UI labels and help texts.</p>			
INPUT OBJECT			
Change	Field	Req.	Note
-			
OUTPUT OBJECT			
Change	Field	Note	
Added	TilsynspligtigeEjendomme: int	Nullable	
Added	RestriktionPrivatFirma: bool	Nullable	
Added	RestriktionPrivatErhverv: bool	Nullable	
Added	AntalPrivateInstitutioner: int	Nullable	
Added	AntalPrivateInstitutionerMedRottespaerer: int	Nullable	
Added	AntalRottespaererPaaPrivate: int	Nullable	
Added	AntalPrivateNejTilRottespaerer: int	Nullable	
Added	AntalPaabudSikringsordning: int	Nullable	
Added	AntalPaabudBekaempelse: int	Nullable	

#### Method: UpdateIndberetning

Business Logic / Background			
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*PS: This method is likely not used by third party applications.*

A lot of additional information has been requested for Indberetning. Please see test/demo site for proposed UI labels and help texts. All the new fields are required when changing status of the "Indberetning" to "Indleveret".

INPUT OBJECT			
Change	Field	Req.	Note
Added	TilsynspligtigeEjendomme: int	(Yes)	
Added	RestriktionPrivatFirma: bool	(Yes)	
Added	RestriktionPrivatErhverv: bool	(Yes)	
Added	AntalPrivateInstitutioner: int	(Yes)	
Added	AntalPrivateInstitutionerMedRottespaerer: int	(Yes)	
Added	AntalRottespaererPaaPrivate: int	(Yes)	
Added	AntalPrivateNejTilRottespaerer: int	(Yes)	
Added	AntalPaabudSikringsordning: int	(Yes)	
Added	AntalPaabudBekaempelse: int	(Yes)	
OUTPUT OBJECT			
Change	Field	Note	
-			