

## Release Notes SmartDots Software v.2020/Q3





SmartDots 2.2 software version will be released on 29/09/2020. Changes include the **priority 1 software and Web API** wishes for **2020/09** listed on GitHub ([here](#)) as well as some minor tweaks/adjustments. All wishes, changes and additions are listed on the next pages. All features can be tested in the demo environment. See <https://github.com/ices-eg/SmartDots#demo>

## #121: Integrate sample info in file frame to sort/filter images on these properties

More info at: <https://github.com/ices-eg/SmartDots/issues/121>

The software now supports the addition of dynamic columns in the list of files. This can be used to display extra info of the sample.

Files

@	File	Sam...	#An...	Scale (...)	Number	Sample type	Sample state	Catch date	Length	Maturity	Sex	Weight	Is Approved
	BYDR10_DA...	224...	2		224780	STD	OK	13/01/2017	235	2	F	116.00	True
	BYDR10_DA...	224...	0		224779	STD	OK	13/01/2017	220	2	F	91.50	True
	BYDR10_DA...	224...	0		224785	STD	OK	13/01/2017	195	2	F	69.50	True
	BYDR10_DA...	224...	0		224777	STD	OK	13/01/2017	235	2	F	122.50	True
	BYDR10_DA...	224...	0		224782	STD	OK	13/01/2017	220	2	F	96.50	True
	BYDR10_DA...	224...	1		224786	STD	OK	13/01/2017	200	2	F	85.00	True
	BYDR10_DA...	224...	0		224775	STD	OK	13/01/2017	190	2	M	67.00	True
	BYDR10_DA...	224...	0		224774	STD	OK	13/01/2017	235	2	M	136.50	True
	BYDR10_DA...	224...	0		224783	STD	OK	13/01/2017	210	2	F	92.50	True
	BYDR10_DA...	224...	0		224778	STD	OK	13/01/2017	200	2	F	78.50	True
	BYDR10_DA...	224...	0		224784	STD	OK	13/01/2017	200	2	F	89.00	True
	BYDR10_DA...	224...	0		224776	STD	OK	13/01/2017	220	2	M	80.00	True

An implementation of this can be found in the demo environment, in the DAB Event.

Event overview			
<input type="text" value="Search"/>			
Number	Service	Sample Set	Method
20170001	Workshop - Scopthalmus maximus...	TUR - 27.4.C	S&S
20170002	Workshop - Pleuronectes platessa (P...	PLE - 27.7.F	WHL
20170003	Training - Sardina pilchardus (PIL)	PIL - 37.1.1	WHL
20170004	Training - Microstomus kitt (LEM)	LEM - 27.4.C	WHL
20170013	Workshop - Pagellus erythrinus (PAC)	PAC	WHL
20170005	Workshop - Scopthalmus rhombus...	BLL - 27.4.C	S&S
20170006	Workshop - Gadus morhua (COD)	COD - 27.7.G	S
20170007	Exchange - Merlangius merlangus (...)	WHG - 27.4	WHL
20170008	Training - Lepidorhombus whiffiago...	MEG - 27.7.G	WHL
20170009	Workshop - Clupea harengus (HER)	HER - 27.3.A - 27.4.B	WHL
20170010	Workshop - Limanda limanda (DAB)	DAB - 27.4.C	S&S
20170011	Workshop - Solea solea (SOL)	SOL - 27.4	S&S
20170012	Exchange - Platichthys flesus (FLE)	FLE - 27.4.C	S&S

## #130: column indicating if image is approved or not

More info at: <https://github.com/ices-eg/SmartDots/issues/130>

With the implementation of issue #121 (see above), info about the approval of annotations can also be added in the list of files in the same way.

#45: The Event manager should be able to define what is the color and the size of the dots for a user

More info at: <https://github.com/ices-eg/SmartDots/issues/45>

When selecting multiple annotations in the software, the software will now dedicate different colours to the dots of different annotations. This should help the review process when viewing annotations from different users. Specifically when different users use the same colour. The colour change is not permanent, and will revert back to its original colour when viewing a single annotation. See the Examples below.

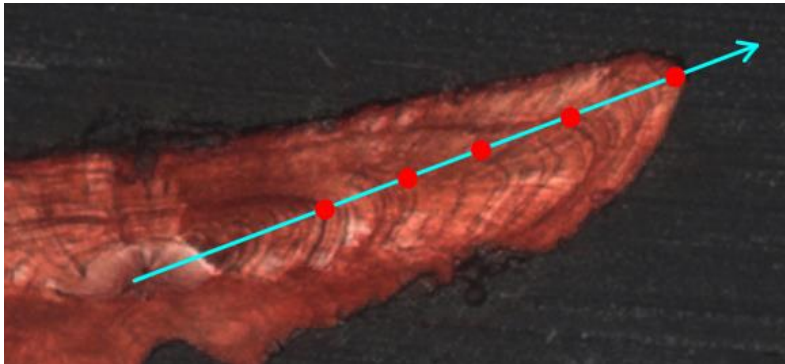


Figure 1: Annotation 1

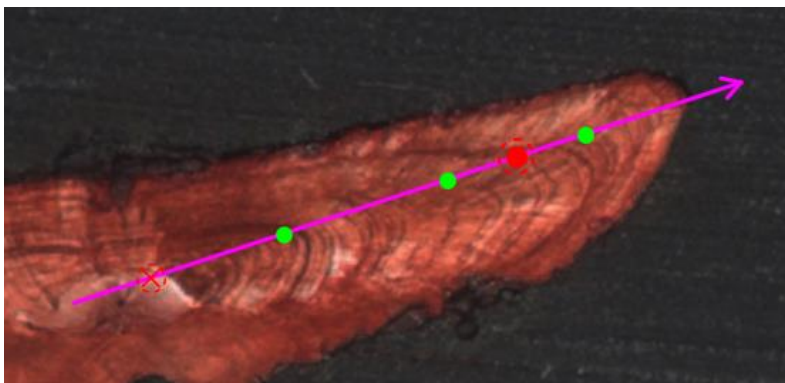


Figure 2: Annotation 2

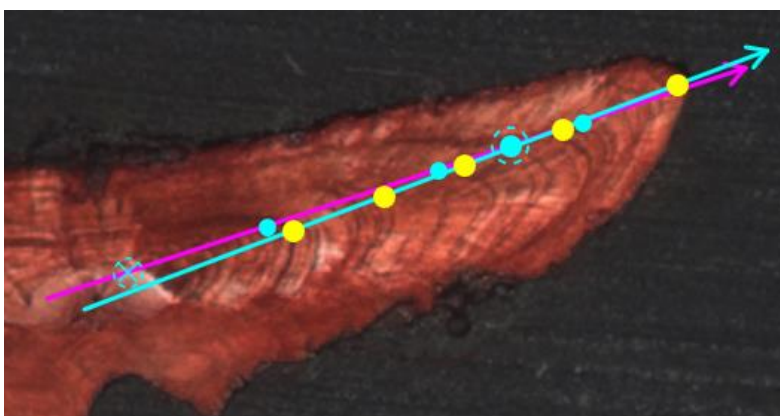


Figure 3: Annotations 1 + 2. All dots from annotation 1 changed to yellow, the ones from annotation 2 became blue

An exception is made for dots the software thinks are 'odd'. These are dots that have a different colour than the others within the same annotation. Their colour will not change. The software will decide that a dot is odd when the times its colour appears is less than 0.34 times the total number of dots for the annotation.

When hovering over dots, the status bar will now display the creator.

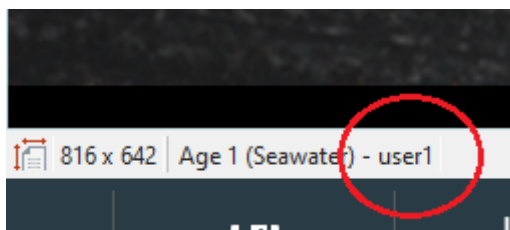


Figure 4: The status bar now displays the author of a dot

#### #94: Non-counting rings - Final dot annotation or mark of the edge

More info at: <https://github.com/ices-eg/SmartDots/issues/94>

A new dot type has been added: Non-counting mark. This dot type can be used to mark anything noteworthy that is not a real age ring. It will not increment the age for the annotation.



Figure 5: A non-counting mark looks like this

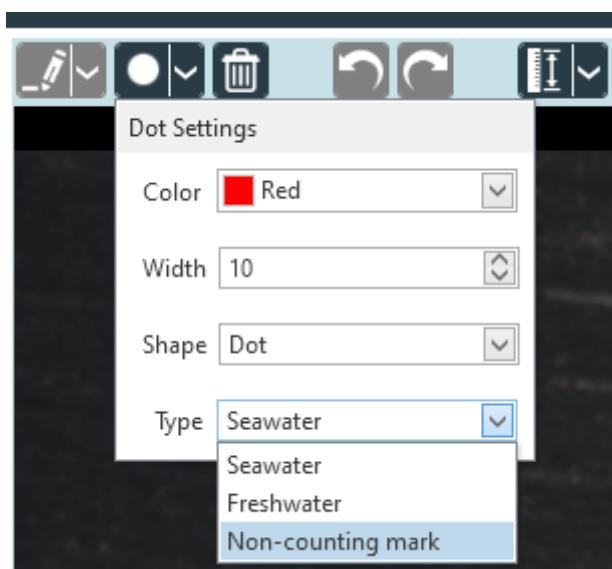


Figure 6: The dot type non-counting mark can be chosen in the dot settings

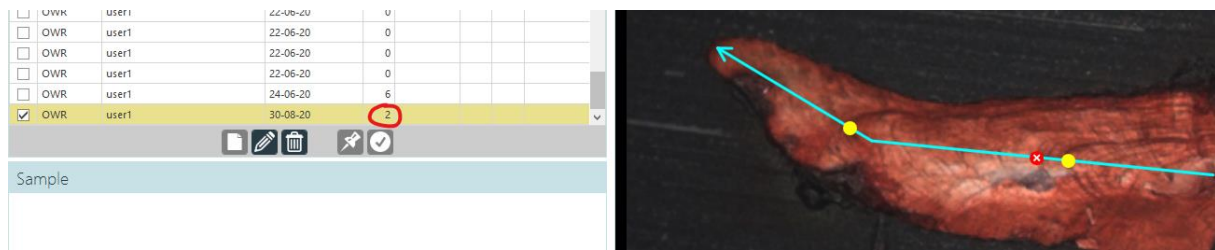


Figure 7: The annotation has 3 dots, but the non-counting mark does not increment the age(2)

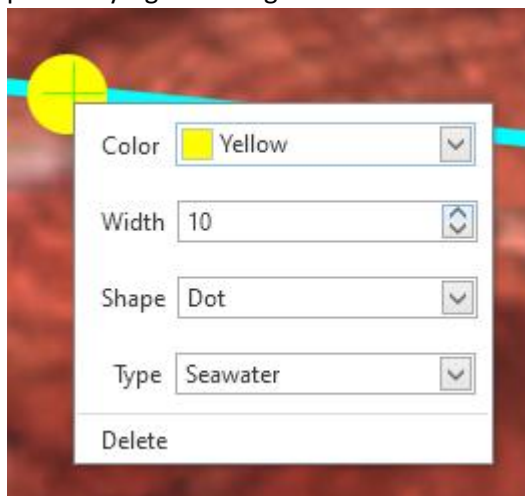
## #183 Permission to approve on File level

More info at: <https://github.com/ices-eg/SmartDots/issues/183>

Requested by WMR. The Web API can now decide per file if the user has permissions to approve annotations.

## Other changes

- When creating/editing an annotation, a dot's properties can be changed after it is already placed by right clicking it.



- Some minor bugs and performance tweaks