



You are receiving this Newsletter because you expressed an interest in our software or are currently licensing one or more of our software components. This newsletter provides up-to-date information on the progress of our current developments, new software releases, and details about future developments.

Please also visit our news page for a summary of developments over the past twelve months.

<https://home.brainydata.com/news.htm>

NOTE: NEW SUBSCRIBERS will automatically receive a copy of the last newsletter that we circulated and consequently the date shown at the top of the newsletter may not be current.



Software releases and patches

OWrite 4.5.0.0

This release implements a number of enhancements and fixes. The enhancements include new info object types, vertical cell alignment and new powerful search and replace features for the Java script client version of OWrite. Some of the fixes required major changes to the software. Make sure you read the release notes carefully and test this new release thoroughly prior to deploying it with your application.

This latest version can be downloaded from

<https://support.brainydata.com/>

The latest release notes can be viewed at

<https://supportpublic.brainydata.com/relnotes.htm>

Note to beta testers: Although very little has changed in the final release since the beta 5 release, you should always retest new builds of our software.



Ongoing development

This section lists the software projects which we are currently working on.

JS-OCal Port

Now that OWrite version 4.5.0.0 development is finished, we have returned to our JS-OCal port. We are currently working on some final essential features and will release a first alpha very soon. This first alpha release will include all features that are essential for developing a functional client-side event calendar. We anticipate that the digest views will not be included in this first alpha, but will follow soon after.

PDFWriter version 6.x

We are currently working with our Canadian suppliers of the printer drivers to resolve an issue in version 6 which causes black pixels within raw JPEG images to be masked out or corrupted. We will send a follow-up newsletter once we have resolved the situation. A work-around is to change black pixels from RGB zero to an RGB value that is nearly black, i.e. rgb(1,1,1). This work-around was tested and sent to us by an Omnis developer, to whom we extend our thanks.



Technical Notes

The following are technical notes that accompany the OWrite 4.5.0.0 software releases.

[TN0030](#): JS-OWrite Server Actions Recipe

[TN0031](#): JS-OWrite Client-Side Find &Replace

Technical notes can be viewed at

<https://supportpublic.brainydata.com/technotes.htm>



Technical Hints

The 'Technical Hint' is a regular article containing one or more technical hints about interesting things that may have come up in technical support queries or that we encountered during development.

JS-OWrite: changing the ruler colour

The JS-OWrite ruler borders and fill colours are currently hard-coded to display a light blue theme. However, it is very simple to change the border style and colours by editing the files *jsowrite_ruler.htm* and *jsowrite_vruler.htm* (see folder html/owrite in the additional files download). Simply edit the canvas tag (see below before and after images) within both files.

```

8 <div style="margin-top:0;margin-bottom:0;width:800px; height:100%;">
9 <canvas id="vrulerCanvas" width="40px" height="800px" style="border:1px solid #c3c3c3;color:#8f8f8f;">
10 Your browser does not support the HTML5 canvas tag.

```

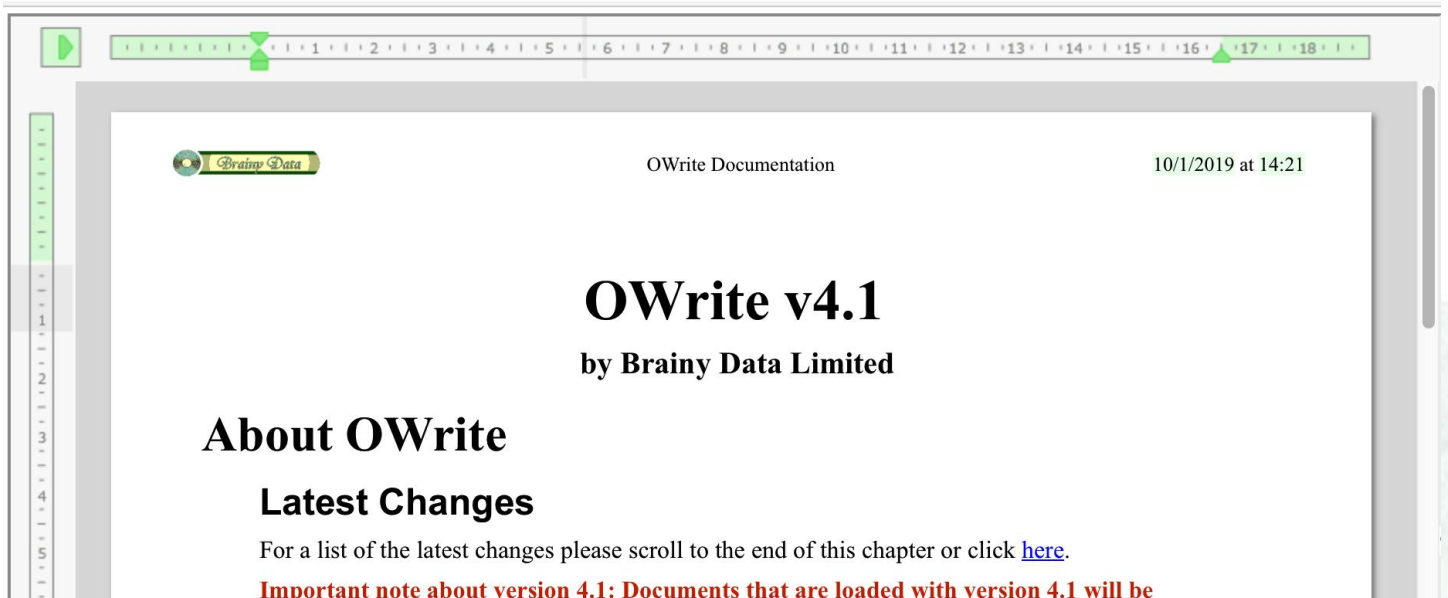
Before

```

8 <div style="margin-top:0;margin-bottom:0;width:400px; height:100%;">
9 <canvas id="vrulerCanvas" width="40px" height="800px" style="border:0px solid #c3c3c3;color:#8f8f8f;">
10 Your browser does not support the HTML5 canvas tag.

```

After



Important Links

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