

Caleb (00:00):

Welcome. Today is a big day. We've been working towards this for quite a while. And one of the things I wanted to start with is this slide that I pulled out of my deck from back in, was it May? And for me, coming from an architecture background, the origin of this sort of quote is actually Winston Churchill who talked about how we shape our buildings and thereafter our buildings shape us, that we're manipulated or modified by our environment. And I think this quote is kind of apropos for eXtyles in many ways, that eXtyles was built as a tool for editors by an editor, but that over time that this tool has started to shape the way that we work. And I think that creates some tension.

(01:13):

And when I think about my attitude towards tools, it's a little different that my attitude is that a tool should be a tool, that a tool should not create additional work for us to do. It should free us from the work we don't want to do, that tools should enable us to do more. And that sort of ties into this underlying theme that when Typefi went through a rebranding in 2015, we adopted this notion of Do More. And that is very much embedded in the way that we approach everything, but very much so with how we approached Orion. And so what we set out to do with Orion from the beginning is that we wanted to create something that was this seamless drop-in replacement. And we talked about this idea that you could be using eXtyles on a Friday, you could come in on Monday and just continue working in Orion.

(02:30):

And I think we've actually largely done that in many ways. Even like Robin, when he's doing the demonstration, you'll see that he has eXtyles and Orion installed simultaneously. You can actually use them both while eXtyles is still operational. But other aspects of what we wanted to do is this idea that with 20 plus years of investment in that eXtyles workflow for some organisations, that adopting a new tool is a massive disruption. And how can we minimise that disruption? And a big part of that also is how can we ingest the settings from eXtyles to make that just work with Orion, so that you don't have to start over. You don't have to rethink things. It's up to you how you want to think about this. If you want to reconsider decisions that you made five, 10, 15 years ago, you can, you don't have to.

(03:41):

But we also want to make sure that the way that we approach this is an improvement. We're not just reinventing the wheel and being back in the exact same place we were before, but that we have done something that actually establishes a foundation that has room for growth. Another thing that we set out to do with Orion that is kind of different, I think, for a lot of technology companies is being extremely open during this process with the roundtables and the regular behind the scenes look, running a beta with people to have them actually test it in real world environments. That was very new for us, but this has given us, I think, a much better understanding of how messiness is not a failing, but it's a feature. It helps us to understand just the depth and the nuance that comes with being an editor.

(04:50):

I mean, I think you all live in messiness with the content and it's all about how can we together get to this ideal. All right. So I wanted to also take a moment to recognise just the number of people that have been involved in the development of Orion. So this list of 22 people, it encompasses product management, encompasses engineering, encompasses QA, and just the last 16, 18 months for Typefi have been all hands on deck and getting something to the point of today of being able to announce that we are ready to start putting this into your hands and letting you explore, but also continuing to accept that feedback and your feature requests and your dreams and hopes about where this can go in the future.

(06:07):

So I come from an architecture and graphic design background. So branding is also something that I think a lot about in what it is. And so the branding aspect for Orion, we have the Orion O, we have the three stars, a nod to Orion's belt and the three pillars around what Orion represents, that we have three distinct

subtypes. We have Orion for Journals, Orion for Books, and Orion for Standards. Right now, Orion exists on the desktop as a Word add-in. This is the client component, but we have plans for the future to have other host applications, that you're not held back by having to use Microsoft Word on the desktop. That if you want to move to a web-based, more XML forward environment, still be able to offer all the benefits in the backend of Orion to that as a source. And so that's coming at some point in the future.

(07:14):

When we think about two of the main key features in eXstyles from a time-saving perspective, the Auto-Redact functionality, we are branding that as SmartReplace within Orion, and the Crossref PubMed correction and linking is our SmartReferences tool.

(07:36):

And a big piece behind the ease of use in deployment and configuration and migration is Orion Compass. This is a Typefi Server add-in. This is the web admin. This is where you as an administrator can set up and configure what your environment for each of your publications look like. This is where you can import your eXstyles configurations. You can attach different Typefi workflows. And Guy's going to talk about that a bit more in a bit when we get to the demonstration. And this is also where you can manage your client settings for the Orion client so that you can have one centralised management and you don't have to go and visit and touch every single desktop to instal an update or to change a configuration. You can set it once and it pushes out automatically to all of your users. Now, this is a piece that most of you will never actually interact with as a product, but it is a backend tool that we've created.

(08:48):

This is our gateway server.

(08:51):

Meridian is a way to take the input from smart references and to account for them, but also to track them and send them to Edifix for now as a way to resolve those. Parallelisation is also a big part of this, where we think about the time it takes for Edifix to return back results to you. There's overhead for the service itself, and then it's several seconds per reference. And if we can parallelise that into multiple smaller jobs, then we can return that back to you much, much faster. Meridian will also come into play quite a bit as we move into the later part of 2026 as we start to add additional sources, going beyond CrossRef and PubMed and RetractionWatch to other databases and sources to be able to add that validation into the tool. So without further ado, I am going to hand this over to Guy to walk us through Orion Compass.

Guy (10:10):

Thank you. Caleb. Let me start by sharing my screen.

(10:22):

So my name is Guy. I'm one of the 22 people that worked on Orion in the past year, and it has been my pleasure to work on two components, namely the Orion for Word integration, as well as the Orion Compass integration. And part of that was relatively easy because when it came to Orion for Word, as Caleb mentioned in his starting part of the presentation, is that the directive was it needs to look and feel as much as possible like eXstyles. And therefore the instruction to our engineers pretty much was take the documentation from eXstyles and for each of the features in the UI, read that and make sure that our features work the same way because we want it to make sure that your experience is very similar. And when Robin shows you more about Orion in Orion for Word in a moment, you'll see how that looks in practise.

(11:22):

Some of you may have already seen that through some of the roundtables we've had before. For some of you, this might be the first time, so we thought it was important to go through it from the beginning. But

Orion Compass is something entirely new because one of the primary directives that Caleb gave to me and therefore to our teams was this idea where we wanted to make it so that the deployment of Orion was simpler and more seamless than eXtyles. Because dealing with the way that eXtyles had to have an installer for every single installation, that was something that we felt we didn't want to have to deal with, and therefore we wanted to have a place where things could be centrally managed. Having a place where things are centrally managed also means that it would be easier, and I'm pulling air quotes here, because easy is a word that I usually don't use in my presentations or my conversations, to import the existing eXtyles configurations because I think that is something where we differentiate from potential other players in the space.

(12:38):

We wanted to make sure that as much as, and I saw that, I'm not going to try to pronounce your last name, but Gan in the chat mentioned, use the existing eXtyles. That was a very important part of the directive that was given to me. Now, what you're seeing on screen, I'm sharing my screen. I can see it's green. Can somebody confirm we're seeing Typefi Server, Robin? Yeah, perfect. You're seeing Typefi Server. Don't worry too much about Typefi Server. This is not a deep dive into Typefi Server, but Typefi Server is existing technology that leverages amongst other things, workflows. Again, workflows are an important part of the things that Robin will be talking about later. That technology we already have. And therefore, when you want to build a new piece of software in a year's time, you have to make sure and leverage technology that you already have, and that's tried and true, and that's what Typefi Server is.

(13:33):

So Orion Compass is bolted on top of Typefi Server. And how does that look in practise? Well, let's go through what it looks like for a new customer. So a customer that doesn't have anything to do, that hasn't used eXtyles before, that's going to start Orion from scratch. So the Typefi Server is the foundation when it comes to the file management for the backend. This is important to note because we had that conversation earlier in the week. You do not need to store your files in the Typefi Server, and by your files I mean your Word files. The Typefi Server is purely an area for the configuration and management of the backend having to deal with Orion. So there is no necessity for you to store your Word files on the Typefi Server. But what we're going to be doing is I'm going to actually move your files out of the way, and I'm going to go up here and I'm going to open Orion Compass.

(14:36):

And Orion Compass, this is an entirely new system. Now, Orion Compass is going to come in three flavours. For those of you that have been in the roundtables before, you've already seen our cloud version. Robin is going to be demonstrating from our cloud version, but we do also have a multi-user locally installed Workgroup version, and we have a single user Desktop version. And for those of you familiar with eXtyles, some of you may already be using the single user desktop version. So this is what I'll be demonstrating is the single user desktop version that I have installed locally on my machine. So we're going to create a new configuration, and when we create that configuration, we have a choice. So right now, the only option is JATS, but you can see that we've already prepared the menu for upcoming versions of XML in the future.

(15:32):

And one of the things that came out of our recent beta was actually that we need to add one more item to this menu, and that is supporting customers that are only using eXtyles for the editorial features and not for the XML. So by making this foundation and thinking about this from the beginning, we can very easily add such an option in the future. For now, I'm just going to pick JATS. Then when it comes to JATS, publication is a very important part of that. So there's two options. For now, I'm just going to quickly create a ... just type some stuff in here. I'm going to delete this anyway, so it's not that important. I just want to have some content in here. So if you have a single publication, you could type this in manually and then go next, double check everything is correct, create the configuration.

[\(16:31\)](#):

And then we are now in Typefi Orion Compass where we've got two areas, the global settings and the publication specific settings. So this is for an entirely new configuration where a user would be able to pick JATS and in future BITS and other items or other kinds of XML. I'm going to go back to my dashboard and actually delete this one because we are going to show you a different version. So what happens when you have an eXtyles configuration? Well, like we said, we spent a lot of time making sure that we can work and import your existing configurations. So I'm going to create a new folder here called Orion Configuration, and I am going to navigate to my desktop where I have a ZIP file containing ... in this case, I've anonymized it. I've created an ACME. For those of you that watch old cartoons, you remember what that might be.

[\(17:44\)](#):

And this file comes from the customer. So it's the existing eXtyles configuration. It's a combination of the customer.ice file as well as the folder containing things like the SUI and the dictionaries for Auto-Redact and all that kind of stuff. We've combined that into a single ZIP file, and I'm going to upload that to the Typefi Server. I want to expand that so that we get all of the configuration files on our server and that Orion Compass knows what to do with it. Now you'll observe that if I go back to Typefi Orion Compass and refresh this, create a new configuration, you're going to see that I don't have a dropdown menu for JATS and BITS and all that other stuff. Instead, Compass informs me that it detects an existing eXtyles configuration and if I want to proceed with that. Now, it is important to note that certain aspects of this configuration file were not accessible to us.

[\(18:46\)](#):

So there are certain details that we couldn't extract from the existing eXtyles configuration. One of those is the publication. So I could go ahead and create a new publication here, but you'll see that there's also a button to import the publications. And how does that look? Well, that looks like a CSV file. So that CSV file can be generated from an Excel spreadsheet. For those of you that might be interested in Orion in the future and would like to join the team and work with Orion, we will be sharing this Excel spreadsheet with you as part of the onboarding process. And then in that Excel spreadsheet, you can go through and provide this information that we are unable to extract from the current eXtyles configuration. So things like the publisher, the publication name, the journal ID, the optional print and electronic ISSNs, the required abbreviation, and potentially the article types.

[\(19:48\)](#):

If your publications don't have specific article types, you can leave this blank and then we'll just allow you to pick from the default. So you can save this as a CSV file, and when you do that, you can pick it here. So I'm going to, I already saved it as a CSV file earlier, click open, click next, and now you can see that there were six rows here. Those publications are going to be inserted. I'm going to click create configuration. And now we have done, so you can see here under the publication settings that those six publications have now been added with the journal ID and so on and so forth. All right. The reason I wanted to show you this specifically is because all of this is something that you'll do one time at the beginning, and then you'll never look at it again, at least not from the import perspective.

[\(20:41\)](#):

So the global settings are, as the name implies, settings that apply to all publications unless you make a publication specific override, which is something that happens. And as you can see on screen now, one of the first items is the list of article types. You can see that we've built Compass to try and automatically detect the configuration files in the configuration folder. It has detected the relevant file for the article types, and I can click import configuration and all the article types are there. Is this perfect? Not yet.

[\(21:20\)](#):

One of the things that we're still working on is the * article type is something that we don't need, so that's something we shouldn't be importing. And the other thing that we're working on is we want to make sure, I don't know if you've observed it, but there was an exclamation point. Right now, the exclamation points in this build, that's the almost final build, is still showing only when you click on them. I want you to know when you go here, I want all the items that still have something to import to be highlighted with an exclamation point so that you know that something is ready to import. Let's go ahead and do the same thing for the document metadata. Obviously, you can imagine that if for whatever reason the .lay file for the importing of the document metadata can't be found, then we will give you an option to say browse for it somewhere else.

[\(22:09\)](#):

Maybe for whatever reason it wasn't part of your ZIP file. And if it really doesn't exist, then we allow you to create it from scratch. Anyway, I'm going to go through here, click the Import Configuration. One of the things that the team just completed this morning is the publisher, publication, and article types, which is part of the metadata from eXtyles are no longer necessary in our situation because they're stored under the publication area. So the 1.0 version is not going to import these three values and only the values that are coming from the ones that are relevant. Style configuration having to do with the paragraph styles, I presume you can see a pattern. So we're importing the all styles from a configuration file. We're importing the style sets, which are important for things like identifying the references and things for Robin's team. We're importing the style groups, which are a vital part of the paragraph styles panel in Orion, including the keyboard shortcuts.

[\(23:12\)](#):

Cleanup, we're importing the cleanup configuration, and you can see that all of the settings from cleanup for this particular customer has been set. I know that because I know that centre columns and left justify first column is by default not one of the selected options. So all of this is being imported. SmartReplace is an area that Robin would fill in with items from him. Advanced workflows is the same thing. Citations is something that can be imported to make sure that we are using the same citation values. SmartReferences, that is the only one of the few things that you need to pick manually because we cannot ingest your existing reference styles. So you need to manually pick an appropriate Edifix style. And if yours is slightly different, do let us know because that is something we can talk about as part of your onboarding process. And I think the last item that can be imported is the object prefixes under the Export to XML.

[\(24:17\)](#):

So in this case, there are no overrides to that. So all of this stuff, you can see that if you needed to do this, there is about ... it's taking me much longer now because I'm talking through it, but in less than five minutes time, the most important part of the existing eXtyles configurations will have been imported. And then I can go to Orion for Word and I can go ahead and under the options, make sure that I'm connected to the appropriate server. In this case, that is my local machine. I have a welcome file open and I can start by attaching my publication and choosing an article type.

[\(24:58\)](#):

I think I'm going to go with the Global Journal of Cybersecurity, and from there I can pick one of the article types that was defined, I can click attach, and it picks some of the metadata that was defined as part of that publication details. I can see there's a slight UI issue here for the longer name, and now I can start doing the rest of the items that are part of the Orion interface, for which I will gladly hand over to Robin. Oh, yes. There was one thing Caleb specifically mentioned updating. I think it's important to note that Orion for Word is an item that has an installer, and yes, there will absolutely be parts of this that will still require you to update the Orion for Word plug-in a couple of times a year, but most of the updates are going to be happening on the server side.

[\(26:04\)](#):

So you don't need to, whenever you make a change to something, for example, to SmartReplace or that kind of thing, those kinds of changes won't require a change to Typefi Server. I think it might be good before I hand it over to you, Robin, to show for the people. Let's say that when we're looking at the cleanup, so I'm going to show the cleanup dialogue here, and you can see that we have certain values checked here. Let me go ahead and go back to Orion Compass and actually undo those two options that I was talking about earlier. So we don't want the centre columns and we don't want the left justify the columns. I'm going to save that. And then when I go back to Word. Currently, you still need to go back to your publication and click the Update button here. A future revision of Orion for Word will make it so that whenever you interact with cleanup or styles or publication, that we automatically go back to the server and check for new versions.

(27:07):

But now when I go to cleanup, you can see that when I open it up, centre columns and left justify first column is disabled. And that means that thanks to Orion Compass, all whether you're a single user or whether you have 50 users, you can centrally manage these controls and then whenever your users log into Orion Compass, you can be assured that they are using the latest changes.

(27:37):

Over to you, Robin.

Robin (27:39):

Thanks. I'll just point out they're not disabled. They're unselected. You could still go back and go in and select them if you want.

Guy (27:44):

Yeah, yeah, absolutely. Absolutely. If I wanted to ... Yeah, yeah, absolutely. If I wanted to still run them, I absolutely still could. Yep, good word. Thanks.

Robin (27:55):

Okay. I can share my screen. I'm going to move Zoom off of this screen just so you don't ... So I'm going to be looking as though I'm looking off to the side, but anyway, so I should be able to share ... Yeah, screen one. Share. All right. So hopefully you can now see Compass on my screen. Just before I show Orion for Word, just to show you then, one of the things we can't do quite as automatically is to create this SmartReplace workflow, but this is the replacement for Auto-Redact. So what we do is we've got a script that actually imports your existing Auto-Redact dictionaries if you have them, and you'll notice these are all ... which I've run already on this particular configuration, and these are all now XML files because we're not using the old four column Auto-Redact syntax.

(28:57):

We're using an XML syntax. And so the script automatically converts the dictionaries and takes care of all that for you. And I'll show, so later on when I run SmartReplace on here, you'll see it. So I'm using a configuration already set up, so I can go ahead as Guy showed and I can attach the publication and I've got ... I'm running on the server, sorry, on the cloud, as Guy said. So some things do take slightly longer because Guy was running a local instal on his machine. So there I've attached my application. I've got the metadata here. I could go in here and fill in my metadata.

(29:42):

I won't show cleanup. I just quickly, you've seen the style palette, but ... sorry, you're familiar with how this works, authors. I can use the shortcut keys if I want to, O for affiliations and so on. So this should look extremely familiar to you if you're already an eXtyles user. My dates, history dates, and then the rest of it's already styled just to save a bit of time then. SmartReplace. Again, so this is the replacement for

Auto-Redact. You'll notice some of you, if you've seen demos before, previously we had this dialogue box always have the same title. Obviously you can see now that's been fixed. And just to show a key difference from Auto-Redact is that there aren't many changes here, but when there has been a change made, in this case, removing the space between number and percent, I click on here and the code will show me exactly which of the rules has made the change here.

(30:45):

And this can be very useful. Any of you who've ever written Auto-Redact rules yourself or had problems with Auto-Redact in eXtyles, you'll know there was no way really you could tell which rule it was that have made a change. Whereas now here's another change here to remove the fixed space and so on.

(31:08):

And I'm just going to run the SmartReferences. So we've got some references down here. I'll run SmartReferences. I've been looking at the timing a little bit. You'll notice this. I think this will take about two minutes to run. I've been looking into this just to ... so it seems compared to all the other Orion processes you're going to see today, it seems actually quite slow. One of the things to say about, we've pointed this out before. When SmartReferences runs, it's not only parsing the references, which was a separate item on the eXtyles advanced processing menu. It's also doing the PubMed check, it's doing the Crossref check, and it's also checking the references against Retraction Watch and against the Cabells Predatory Journal database. So it is doing multiple processes in one go.

(31:57):

So you don't want to compare it exactly to just running that, parsing the references, which happened on in eXtyles happens within Word. At the moment as well, the way Meridian is working, some of this is still happening in Word, which I think is contributing to the speed. And what I'm seeing in some tests is there's basically kind of about a 45, 50 second overhead. Even if you have no references, it takes about that time to send the job off to Edifix and get the job back again and put it back into the Word file. And then there's a few, as Caleb was saying, a few seconds per reference. So it does take longer as the reference list gets longer and longer and longer. As so there's 11 references here, in my testing today has taken about two minutes, which in the overall scheme of things, I think you'll agree compared to actually looking all this data up by hand and doing all this by hand is obviously very quick.

(32:49):

And I think even compared, I haven't done the direct side-by-side comparison with eXtyles, how long it would take me, but I think it's comparable. And as we work on Meridian, I think we'll be able to bring these times down considerably. It's saying it's mapping the processed references and that's to say basically Edifix has finished its work and Orion is now reassembling the data, putting it back into the Word file from Edifix. So we'll see that come through shortly and you'll see the familiar colour coding that you're used to from eXtyles and we'll know then that we're done, when it's all come through.

(33:30):

And as Caleb mentioned, having Meridian means that we have the option to hook into other sources of data. So that's going to be an exciting development. I think I've spoken to people over the years about eXtyles where they say, "Oh, well, I've got this database. Can I query that?" And with eXtyles, it wasn't really very practical to do that. I think with Meridian, it's going to be much more of a possibility to log, to hook into other sources of data to get validation of cited content. Should be just about, I didn't set a timer, but I think it should be coming back pretty soon. And we'll get the DOIs, we get the PubMed IDs and so on. Those of you who've been eXtyles users will be familiar with what this looks like when it comes back. And I think a couple of these will give us some comments because there are crossmark changes reported on Crossref.

(34:34):

So that's things like corrections or retractions and so on. I'll get some notification about those.

(34:49):

The other thing I definitely noticed as well, and again, those of us based in Europe will be familiar with this, that when I ran this this morning, it took about a minute and a half, and then as soon as the US wakes up, everything slows down. So of course, Crossref, PubMed servers are based there as well. And certainly the parallelisation that we'll be able to do with Meridian should help with this processing time as well, because obviously we can send multiple jobs and then you only swallow the kind of overhead ones. So you mustn't get impatient. I should know that from years of eXtyle. You just have to wait till it finishes. One thing I would say really kind of puts into perspective how quick the Orion functions that work on the server are. We'll see in a second, as soon as these references come back and I run the other processes, they take a couple of seconds each, but it kind of makes this step feel pretty slow.

(36:36):

I don't think it's hung, but ... eventually.

Caleb (36:46):

You can blame me for this because I told Robin he had to run it live.

Robin (36:52):

This is definitely the slowest of the three or four times I've run this job today, of course, when it's running in front of an audience. That's take a long time.

Guy (37:03):

There's only 70 people anxiously looking at it.

Robin (37:06):

Right, exactly.

Guy (37:07):

At this progress bar now.

Robin (37:09):

I don't know whether you have a Dutch equivalent of "a watched pot, never boils."

Guy (37:13):

Yeah, it will be. Yeah, yeah. We absolutely do.

Caleb (37:19):

But in the balance of things, as Robin talked about, other processes that normally took an exceptionally long time in eXtyle, especially if you had multiple tables or complex tables, those can complete in seconds in Orion. And so in the balance, Orion is still considerably faster overall.

Lukas (37:47):

Robin, question. Say a reference is flagged by Retraction Watch or something of that nature. How would it mark that? Would it just be a comment, like a Word comment?

Robin (37:59):

That's right. You'll see in a second when ... a number of seconds when the process completes, this reference one, for example, I think has been corrected online. So there is actually a correction that's been logged in a Crossref and we'll pull that information in back in here as a Word comment. And then obviously that's kind of an editorial decision to ... and I'm sure most people in the audience, many people in the audience who've dealt with this kind of thing before will know. You've obviously then got editorial decisions to make if an article's been retracted and they're citing it, saying something about the fact that an article has been retracted, that's fine. But if somebody hasn't realised, an author hasn't realised that an article has been retracted and they cite it in good faith, then there's an editor or a decision to be made there about whether you need to go back to the author and say, did you know this article's actually been retracted?

(38:53):

Is there some other reference you could cite here maybe or...? This is really taking a lot longer than before.

Caleb (39:00):

Yeah. Robin, while we're waiting for here, why don't you ... Mark had a request, could you jump into actually showing how you can modify the SmartReplace rules to show which ones actually show as tracked changes?

Robin (39:15):

Sure. Yeah, I could do that. Absolutely. I'll just open one on another screen here. So this is what the XML format looks like. And if you've been used to how eXtyles worked with ... here's a single rule here. You have the case sensitive flag, you had the whole word flag. There was the wildcard flag, which has actually gone away in a sense that it's now a three option attribute here. You can have literal, which means wildcard equals false. You can have wildcard, which means wildcard equals true in old eXtyles language. Or if you have somebody maybe in-house who is familiar with regular expression language, but not with Word's regular expression language, which is what Auto-Redact used, you can set this to RegEx and then you can use just standard regular expressions in the find and replace. And you can see here there's another attribute in our rules, well there's a couple of attributes here.

(40:18):

One is the ID, so that's how we know which rule has made a change. And then there's also this one, enable track changes equals true. So if there are things like that, getting rid of the fixed spaces, I'm guessing after the first couple of documents, you don't care about that anymore. So you can come in here, we can do that and actually to ship a bunch of these, this is pre-edit.sub, which those of you who've ever done Auto-Redact Admin might know is one of the kind of shared dictionaries that Inera basically didn't let you make changes to. They maintained it themselves. Most of the rules in here will likely to switch track changes to be false. For example, just as an example here, this first rule is looking for just an italic period, no italic around it, just a period on its own that's Italic and making it not italic.

(41:10):

I'm guessing they're not that fast about seeing that that is a tracked change. I can tell you, if you have this, every single rule on here is enabled track changes equals true, it gets quite noisy. And I think that's part of Inera's logic about why they never tried to support track changes in Auto-Redact was simply because it does get overwhelming if every single change shows up. Because again, those of you who've done Auto-Redact Admin might know a bunch of rules in Auto-Redact are doing things like that. They're sort of masking. So they're finding some texts that you don't want to change and essentially protecting it. That shows up as a change, even though nothing actually changes. So it does get kind of noisy. So yeah, there's this attribute here. You can set this to false. At the moment, you can't set that at the dictionary level, but that's something we're going to be working on.

(41:58):

So if you said, actually, I don't care about seeing any of the changes from this dictionary, you could just set the whole dictionary to be track changes equals false. And then you wouldn't see any of the changes that came from this dictionary as tracked. I mean, obviously they still happen, but you don't see them as tracked.

Caleb (42:16):

Robin, you've got a follow-up question about what flavours of real RegEx are supported.

Robin (42:25):

The XSLT engineers will probably have to tell you, I think it's to do with, we're using Saxon and I think it's a Saxon flavour, but I couldn't tell you exactly. Here's the problem of me clicking around in the document. You see it. I had an insertion point slightly off centre, so I got some of my old text left behind. So yeah, we can certainly go back to you about that. That's not my expertise, but we can check that out and maybe somebody on the call from Typefi already knows the answer. So you can see here, here's the classic example here that Typefi Orion, here you are. You have this, it says 10 minutes ago, which I'm sure didn't take quite that long.

(43:12):

CrossMark. So there's an erratum here or similar issues. So there's a correction of this article. I think there's another one here. So this one, there's a review of this article that you could potentially go in and look up and add. So I will just whisk quickly through. You can see in this article, this article has citations of our baseline numbers in parentheses. If I can convert it clean now, the target style for this particular document, and as you can see here, there you are. Don't make a liar of me Orion. We've now converted them to the correct style that's selected for this, a publication in Orion, which superscript numbers. So they've all been converted here to superscript numbers. You have controls about which dash character to use and things like that, which eXtyles was stored in. We've imported that from our eXtyles configuration file. We run citation matching now again.

(44:12):

And those of you familiar with eXtyles will notice, I haven't had to tell Orion what style's in use. It figures it out for itself. So it's done the citation matching, tables, figures, and so on down here.

(44:26):

And now I can run the order checking. And one of the nice things as well about the way Typefi workflows work is if you want to run, maybe you just want to run cleanup, citation cleanup, citation matching and order checking, maybe all as one step. You don't really need to see the intermediate results. You could do that. We could daisy chain those three processes together as a single option, and then you could have something on here that just said run citation management or something. You call it whatever you like and have an extra step on here. So it's picked up that this citation of reference three is now out of order and two here is also out of order. You'll also notice that as things stand at the moment, citation order checking actually expands out ranges.

(45:12):

I'm in two minds as to whether we want to keep this as a behaviour, because obviously if there is a problem with a citation that's somewhere in the middle of a range, actually having it spun out here into the expanded range could actually prove to be useful, but I'm still in two minds as to whether we're going to get the engineers to offer this behaviour. I quite like it at the moment, but we'll see how it goes. Obviously, if there were no problems and you wanted that to be a range, that's when I'm not entirely happy about that. So I can see, and obviously again, you as editors know you've got to now look into this. Have they cited the wrong references or did they actually mean to cite reference three and reference three

is in the wrong place? There's a decision to be made there, but I'm going to assume that they did mean to cite the reference they called number three and they actually, it should have been reference number two.

(46:04):

So you can see now it's reference number two. We scroll down here. That's interesting. I'll have to look into that as to what's happened with the references. I'm just going to grab from another document. I'm just going to grab the styled references, get those back.

(46:31):

I think again, that's possibly because I clicked around in the file before. Yeah, I think that was because we clicked around in the references while I was waiting for it to run. I'll just grab them from here. Actually, I'll just carry on with that version of the document. I think it's in good shape. It's got me. Oh, it doesn't have the citations. I'll just quickly run those through again. You can see it only takes a few ... so it's not like with eXtyles, if you'd had something like that happen and you go, "Oh no, I've got to run all those steps again." It doesn't take very long to run through there.

(47:39):

Okay. So I've got my references sorted now, ranges. So the renumbering collapses the range back down to your settings. So as I say, this is something we're still thinking about exactly what behaviour we want. There's my references, fine and dandy. One thing again, if you're used to eXtyles, this is a new thing you weren't just seeing before that Orion actually tags as part of citation matching, it tags the labels of the captions and the Export to XML uses that. But also if something doesn't get linked and you think, why did it not link my figure or my table, then being able to see whether it's been tagged or not. Sorry, I just already run that one.

(48:23):

I can cancel it, which is quite nice. And then Export Preflight, again, if you're used to eXtyles having the advanced workflows, sorry, having the author processing as one of its advanced processes, you'll notice that what we're calling Export Preflight does a bunch more things. So it's tagged the author names as author first name and surname and so on, but you've also got the affiliations parsed out here into things like postcode and city and country and so on. And you've also got your history, your dates parsed out into a date type, a day, month, and a year. Again, Orion uses this information to make the XML. eXtyles did this under the hood and you never actually saw it. And then you should be ... and not everybody needs these parsed affiliations, so we can either drop that information from your XML or we're going to be looking to tweak this process so that actually you can select which bits you want parsed.

(49:35):

So for example, if you don't have these dates in the document, we won't bother look for dates and parse them out.

(49:43):

At the moment, we have just this one export, which is to ... that is frustrating. I can quickly find out what happened there. But one of the things, you can see there's a bunch of exports down here that worked just fine. I can ... okay. Yeah, I think I can see what the problem was. I think this email parsing is not quite right yet. Hopefully this will give us ... I'd taken that email address out earlier on because it didn't get converted to XML properly. There we are. So you can see here, I didn't fill in some of these, set up some of the metadata mapping. So some metadata here hasn't come into the right place, but we've got things like we've got our article title here, we've got our authors coming through here, and then we've got our affiliations. If I scroll down past the authors, I will get to the affiliations. So then there's my affiliations all fully parsed out into different elements, which as I say, not everybody needs in their XML. But all right, that I think was everything I wanted to show and I can hand back to Caleb.

Caleb ([51:17](#)):

All right. Thank you, Robin. All right. So this is a slide that if you've been in the roundtables you've probably seen many times before, just encapsulating what we have built, what we've shown, why Orion. This idea of this...

Robin ([51:36](#)):

You're not sharing the slides yet, Caleb, by the way.

Caleb ([51:37](#)):

Oh, it's not sharing? Oh, sorry. I didn't click the share button. All right, so here we go. Why Orion? Three basic columns. It's a Word-based foundation. Typefi, even though we may be a newcomer in the space of editorial XML workflows, we've been operating and partnering with eXtyles for the better part of 18 years. And so we understand that aspect and we've been building workflows around DOCX for at least as long as I've been at Typefi, which is 20 plus years now. And so there's so many just benefits here, but I think some of the comments that we've seen in the chat really get into where the goals that we set was really about being beyond compatibility.

([52:32](#)):

The fact that we're not holding you back from using features that come out of the box in Microsoft Word and saying, no, you can't use that because it's not compatible with eXtyles. Releasing that constraint. The native change tracking, just the speed at which we can work with tables and even getting into the multi-threaded performance of those workflows that when we, in the first half of 2026, release our equivalent to the eXtyles SI product, which is single threaded, you will really see that speed come into play, that you can throw multiple jobs at the Orion server and get results back dynamically in a first in, first out round-robin sort of fashion instead of just one at a time, single file line. So there are a lot of things that we've really pushed into to creating this foundation for you.

([53:44](#)):

Looking ahead, so today this is all about launching Orion for Journals. When we get into the first part of 2026, you'll see that there's a lot of other things that we're adding to this. Some of this is going beyond the core feature set of eXtyles: the deduplication of affiliations, the table footnote cleanup, and other features that eXtyles doesn't have. But adding in support for the NCBI identifiers, being able to process your document and doing the inline URL validation, this is all sort of coming into play in that first quarter of 2026. Again, our goal is to get the software to you early and then just iterate on that as we add in the features to reach full parity and beyond with eXtyles. But our goal in April is to release Orion for Books, aka BITS XML, and also have support for Orion APIs, which is the eXtyles SI variation.

([54:58](#)):

You'll see that in April the Insert Symbols, we've heard it loud and clear from many, that the symbol menu that Microsoft provides is powerful, but it's not customisable. And what you really value from eXtyles' symbols menu is that it's a curated list of symbols and you know exactly what you're getting instead of poking around and potentially putting in a lookalike symbol that's not correct. So that's just sort of a peek at the roadmap as we get beyond the current Orion for Journals launch that we are celebrating today. And I know we're getting right to the end of our time, and so I have my obligatory Do More big and bold slide at the end. I know we've had a lot of activity in the chat. You guys should probably all know my email and Robin's email and Guy's. We are more than open to having direct conversations and follow-ups with any and all of you about what we've done and getting into more details about what you would like to see as we continue down this path of providing more than just an alternative to eXtyles.

([56:27](#)):

And that sort of wraps up our launch announcement. We're going to take a well-earned break over the holidays and we'll be hitting the ground running in early January to start setting up conversations and installations and deployments and integrations and all that fun jazz as we get into the new year.

(56:56):

So let's see, let me pull up the chat in case there's anything we need to ...

Robin (57:03):

I'd just say I just put a comment in about the groups of 25 that eXtyles used in Auto-Redact. So yes, we inherit those from eXtyles, but you can have any number of rules you like in a group.

Guy (57:16):

And Debbie is very, very happy the curated symbol is coming back.

Caleb (57:22):

Yes. And I mean, yes, I'm excited about that as well. We'll have that ready to go. Anyone that wants to learn about the pricing, you can just reach out to sales@typefi.com and we'll put you in contact with one of our account managers that can go through that process of gathering the data and putting together a quote or giving you some numbers so you have an idea of what this is looking like. But otherwise, thank you very much for joining us throughout 2025. We will continue having roundtables in 2026 as we go through building out the features and adding in additional workflows around the books and standards and just ongoing development. We have really enjoyed having this connection and relationship with the larger community to help drive Orion, and we want to do more of this in the future. So thank you for your time and your interest and your passion about this tool and what we can do for you.

Audience (58:37):

Thank you.

Caleb (58:39):

I think we will call it a day. Thank you so much. Happy holidays to everyone wherever you are.

Robin (58:45):

Yeah, happy holidays. See you all in the new year.

Guy (58:48):

See you all in 2026.