Caleb (00:07):

Well, I think the way to describe Typefi Orion kind of depends on where you're coming from. So if you have familiarity with Inera eXtyles, then we would phrase, Orion is a drop-in replacement for eXtyles. The idea that you could be working in eXtyles on a Friday, end of the day, come in on Monday and continue working in Orion. But for people that aren't familiar with eXtyles, Orion is an editorial content cleanup, validation, and exporting tool for scholarly publishing. That we can take your content, we can correct it, clean it up. We provide tools to enhance the content, especially around managing citations, correcting your references, and then the all important, being able to export out validated XML from the end.

(01:04):

Typefi Orion is intentionally familiar for eXtyles users. We want you to have a very similar user experience because we recognise that there's muscle memory in how you've been using a tool for, well, for some people 20 years. And so there are a lot of similarities. The dialogues and so forth will look quite familiar. Another key feature that we're doing from a compatibility layer is that you can import your settings from eXtyles into Orion. So if you have your finely tuned workflows, that all of that information can come in to allow you to just continue to work, well, without having to change things, without having to relearn a new tool.

(02:01):

The way that Orion differs from eXtyles is that it's built on modern technology. eXtyles is over 20 years old and the core technology is built around Omnimark. Orion instead is built on XSLT and Java. It's a modern, multi-threaded software. I think one of the other key things is that because we're natively supporting the Microsoft Word file format, that track changes and that level of detail, especially when you're dealing with tables, doesn't have to be flattened or accepted or converted into something else. We can work directly within the Microsoft file. So you're not losing information as you're going through your process. We can preserve the annotations and the comments, the changes that someone else has made in the file as you're going through. And then even when you get to the final stage of exporting to XML, you can still be in that state where you have changes. You haven't quite accepted them yet, but we export as if you've accepted them. So you can retain that sort of before and after state.

(03:29):

Part of our work to enable Orion to be as seamless of a transition is importing the preference files and configuration files from eXtyles and then converting those into actually a more readable format. And so this makes it easier for you to manage them. Plus the fact that we're providing an interface to allow you to create these and manage these rules centralised, so that you as the administrator or the managing editor can define a set of rules and push that automatically out to everyone within your work group. So that's sort of the underpinnings for this. But a big part of this is saying that I want to provide the documentation, I want to provide the ease of use to you as the individual to be able to extend, to add, to modify this. You're not stuck with the rules that we decided that you should have.

(04:45):

So a big part of what we've been trying to do with the Orion community is to create an environment that dispels any anxiety, and to extend that even further, we actually recently hired Robin Dunford from Inera. He's been there for 13 years, I believe, as an employee, and then he was a customer of eXtyles for years before that. And so Robin brings us a tremendous amount of expertise and experience, both from an implementation perspective, but even looking under the hood at the way that eXtyles operates. And we're going to use and leverage that knowledge and experience to further what we're doing with Orion to make it as seamless and as comfortable as possible, and as complete and comprehensive as possible. So that not only does it solve the problem, but it solves a problem as the way an editor would want it to be solved. As

opposed to the way, say a software developer that's coming in from somewhere else thinks it should be solved.

(05:58):

So our goal is to release Orion 1.0 by the end of this calendar year, and we chose that time, that date, to give you ample time to test it out, to kick the tyres and see how it operates because we want something that works. Our goal is that you could be working in eXtyles on a Friday, and you can come in on Monday and continue working in Orion. Now, there's a lot that has to happen to make that as seamless as possible, but by giving you the software early, it allows us to gather the feedback and the information we need to enable that seamless transition between the programmes.

(06:47):

So Orion 1.0 is going to be complete and provide you with an end-to-end solution to start with your manuscript, to structure that manuscript, to clean up the manuscript, to correct it. And the detail around these features are, we're looking at, we have a tight integration with Inera Edifix for correcting and linking your bibliographic references. The citation management or element management within here, to make sure that when you're citing a table or you have footnotes within that table, that everything is properly numbered and in sequence. All of that's going to be part of that. When you have articles that are coming from all over the world and there are different conventions that you're using from a spelling style or even just some abbreviations, the Auto Redact engine that you had in eXtyles, that will be fully supported and portable over into Orion. So what you have crafted over multiple years, you can just bring that directly in without having to re-implement anything.

(08:04):

That's a key feature there. Also, Orion 1.0 will be supporting the JATS XML standard, and we have a workflow engine behind the scenes that allows you to extend and integrate Orion into other workflows. And so if you need to create derivative outputs from that JATS, that's just an easy transform. If you want to integrate Schematron validation, again, that's something that we already offer. Validating URLs and links and assets in that sort of sense, these are all different actions that we can incorporate into those workflows. So there's a lot of power behind the scenes in what enables Orion to do what it does.