I am Tony Graham from Antenna House.

Antenna House is based in Japan, with an office in the US. Just to confuse things, I am from neither place: I am based in Skerries in Ireland.
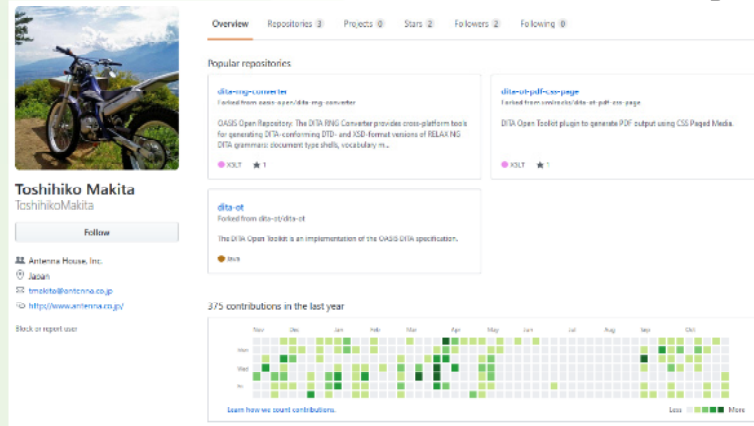
I am here today to talk about the AH-WML DITA-to-Word plugin. It is developed by Toshihiko Makita from Antenna House, Japan.

I am really here as a proxy for Makita-san. I asked Makita-san when the DITA-OT 'call for papers' came out if there was anything new from Antenna House, Japan, where they have a DITA Services group, and he suggested that I propose this DITA-to-Word plugin.

If you were here at the DITA-OT Day in 2015, he was here presenting about PDF5-ML, which is an alternative plugin for producing PDF output based on Antenna House Formatter.

AH-WML DITA-to Word Plugin

- Announced at DITA Festival 2018, Japan
- Available on GitHub
- A work-in-progress
- Uses XSLT 3.0
  - Requires Saxon-PE or Saxon-EE
- Used in projects in Japan

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The AH-WML plugin is developed by Makita-san. It is the base of a couple of projects for clients in Japan.

What you find on GitHub under Antenna House in these DITA plugins is the parts of the DITA projects that were able to be open sourced.

It was announced, as you can see, at the DITA Festival in 2018 in Japan, but I figure that few people here were actually at that Festival, so this should be news to you.

It is available on GitHub. It is a work in progress: Makita-san still posts changes to it. As clients in Japan require more features, you'll find more features in the open source component.

It uses XSLT 3.0: Makita-san is an avid fan of XSLT 3.0 because your stylesheets can be concise and more readable. As a result, it only runs with Saxon-PE or Saxon-EE. At present, my understanding is that with the DITA-OT, it requires Saxon 9.8.1.5, not the later 9.9.

Features that I could extract from the Japanese presentation (the ones with graphics, mostly) are:

•Spanning table cells, where you can center or align the contents
•Floats
•White-space handling is better in this plugin than in alternative plugins
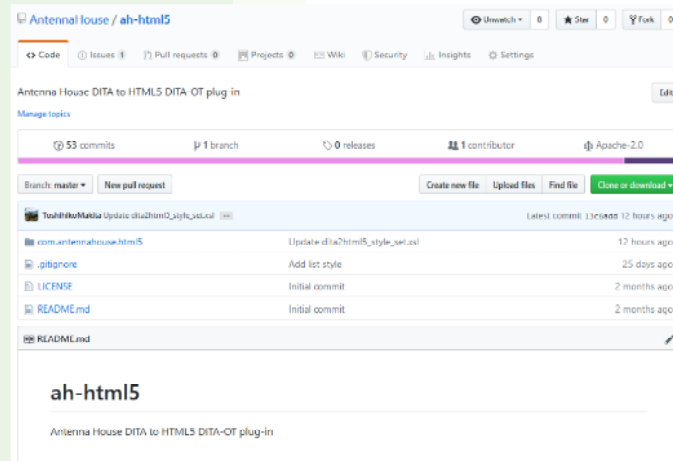
I have a PDF to illustrate the floats.

As I said, it is available on GitHub.

When Celina Huang was doing a presentation earlier in the Test Kitchen about PDF5-ML, someone asked about HTML5 from Antenna House.

That one's a *real* work-in-progress. It essentially is the features that were needed for a client in Japan, and it's another one that was written in XSLT 3.0, to produce HTML 5 output.

The first part of the summary is that I am a proxy for Makita-san, who is the expert in this.

The second part is that AH-WML is good for you because it produces Word output that looks comparatively similar to the PDF.

Thank you for your time.