



Niagara 4.11 Feature Sneak Peak Introducing WebWiresheet

September 2, 2021

Q&A

1. **When you say long term service release, how long, or for how many versions, will Tridium commit to supporting 4.10?**

Niagara 4.10 will be supported for a minimum of 2 and ½ years from its release date in March 2021. Please see the following links for further information on Niagara releases and its corresponding support policy.

<https://docs.niagara-community.com/bundle/Reseller/resource/NiagaraSoftwareMaintenancePolicyMatrix.pdf>

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2. **Is there plans to have Niagara fully manageable via the web browser? For example, all station backups, adding modules, etc., require workbench but can't be done via the web browser. If not, will more be available via the web interface in the future?**

Tridium is planning to continue with the development of HTML5 implementations of the various Workbench application interfaces such as the Niagara Network Point and Device Managers (and more).

3. **Can we see an example of the history archive provider?**

Absolutely! We'll be scheduling another TridiumTalk on this session shortly, stay tuned!

4. **With Mac support will that include Linux support? If not is that something you will be working on to provide in the future?**

Mac Support is still limited to support of the Hx Profiles on the Mac Safari Browser. Additionally, Mac support is not currently tied to a prospective version of Niagara. For Linux OSs, however, we will continue to have support for both Workbench and HxProfiles.

5. **Will macOS workbench support be prioritized before Windows 11?**

There are currently no plans for macOS workbench, but as more views like the WebWiresheet become available, those views will be supported via the Safari browser. Insofar as Windows 11 support is concerned, we'll evaluate its associated support requirements upon its general release in October of 2021 to determine its feasibility.

6. **Would we be able to add JS library such as ReactJS to add some nice design to our Pages?**

WebWiresheet does not currently have public APIs available in 4.11, but you can add some nice design enhancement by implementing a custom theme. See [module/themeLucid/hx/theme.css](#) for a full example:

```
.WebWiresheet {  
  background: #fff;  
  
  .ws-thumb-container {  
    border: 1px solid #3e402f;  
  }  
}
```

7. **Can we extend the web wiresheet to customize, like how we extend a BWireSheet?**

WebWiresheet does not currently have public APIs available in 4.11, but please reach out through either your Sales Channel, the Niagara Community or Tech Support to advocate on behalf of its development. As always, we love to hear from you and your feedback is essential in ensuring we're heading in the right direction!

8. **We have several buildings with Niagara BAS 4.9. Is it possible to test 4.11 to one of the buildings, and keep the rest of building with 4.9?**

Absolutely, and thanks for your offer! Please reach out to TridiumBetaTest@Tridium.com with the associated project details to get started.

9. **What's the timeline for program service to operate in a html view?**

An HTML5 implementation of the Program Service is currently on the roadmap but has not been specifically tied to an upcoming Niagara release. Please reach out to your Sales Channel, the Niagara Community or Tech Support for further information.

10. **Is there support for long-press actions (in place of right-click) like on a mobile/tablet device?**

Yes, all right click commands are accessible via a long press on a mobile device.

11. **One enhancement to the BProxyExt class that would be great to have is configFail(...) and configOk() method that drive a configFault internal value that is then used in the updateStatus() method alongside readFault and writeFault, in much the same way as BDevice and BNetwork do. Is that enhancement being developed?**

Great idea and thanks for the input! This enhancement is not currently scheduled for development, but please reach out to your Sales Channel, Tech Support or the Niagara Community to advocate on behalf of its development. As always, we love to hear from you and your feedback is essential in ensuring we're heading in the right direction!

12. **If the wiresheet is edited by someone else from a different client (WB, or browser) does the browser view update automatically, or is a refresh required?**

Yes, the Wiresheet should update automatically upon client changes, similar to the manner in which the bajaux PropertySheet updates.



13. Isn't this basically just embedded workbench that was available in AX?

Embedded workbench is no longer available in browsers and a Wiresheet interface has never been available on mobile phones or in the Safari browser.

14. Will there be a special license required to access web wiresheet?

There is no special license for the web wiresheet. If you can access the Html5HxProfile, you'll have access to the Web wiresheet!

15. Can multiple tabs be opened?

Yes, if you have multiple tabs open in Chrome, each tab can have its own Web Wiresheet.

16. Can you provide your JIRA to be open to all Niagara users, and really, the general public, so we can look at what is being worked on, and what is being prioritized so we can provide you better feedback on what is important to us?

Great question and thanks for your input! We are hoping to release some new tools on the Niagara Community soon which will provide you with the opportunity to vote and comment upon some prospective development initiatives. Stay tuned!

17. Will markdown or html/css formatting eventually be available for the textBlock?? That would be really cool

Great idea and thanks for the input! This enhancement is not currently scheduled for development, but please reach out to your Sales Channel, Tech Support or the Niagara Community to advocate on behalf of its development. As always, we love to hear from you and your feedback is essential in ensuring we're heading in the right direction!

18. Any date yet for the availability of 4.11?

Not at the moment, but we're planning to have the general release available sometime in Q4 of 2021.

19. Are there plans to develop a workbench that is supported in Windows 11?

Yes, we're planning to evaluate Windows 11 requirements upon its general release in October of 2021 to further determine its support feasibility.

20. Will the wiresheet be an additional license feature charge or be included in base purchase of software.

WebWiresheet is available with a core software purchase, as there is no additional license charge for its use.

21. Any recommended security we should recommend editing from remote via wiresheet on Web?

You can use the Roles and categories to limit adminWrite permissions to users who you don't want access to this view. In other cases, you can also assign them the BasicHxProfile which will remove this view even if they have adminWrite. If you would like to restrict the WebWiresheet from all users you can also use the system property "niagara.hideWebWiresheet=true"



22. Are you able to navigate into the wire sheets of 3rd party drivers? Or is that functionality that needs to be added by the driver developer?

Most drivers that use the thick-client Wiresheet view in Workbench should be able to use the WebWiresheet in 4.11. There are several specific drivers, however, such as Lon and ACE which feature a custom implementation of Wiresheet which won't be available until a future release.

23. Will you have a TridiumTalk on BACnet/SC?

Yes, the next planned TridiumTalk is on BACnet/SC. Check the [Events](#) page for updated information.

24. Is the webwiresheet feature going to be available for other brand/OEM product wiresheets such as Spyder, CIPer50, EagleHawkNX

Yes, there is no additional feature required so it should be available as long as there is already access to the Html5HxProfile

25. Can you do a BACnet discover via WebWiresheet?

No, Bacnet discovery still requires the use of the Bacnet Device Manager view. This view is available in both workbench and the Html5HxProfile.

26. Is the WebWiresheet compatible with two finger scroll/pinch zoom on touch devices? I'm unclear how you would connect modules to each other without moving the modules themselves around.

Yes, you should be able to use both standard "scroll/pinch" zooming on touch devices as well as the zoom commands.

27. Any Logs for web wb that user must change?

When the user changes something via the WebWiresheet all changes are sent to the Audit History Log, just like the bajaux PropertySheet.

28. Will web wiresheets work with devices that have closed NICs?

As long as there is access to the Html5HxProfile there should be no problems accessing the Web Wiresheet on devices with closed NICs.

29. Can we do PX configuration through webbrowser in 4.11? If not, is this in Tridium roadmap?

Px Configuration is not currently available in Niagara 4.11, but it is on the roadmap.

30. what are the benefits of LTS licensing that began in 4.10? Does this mean update builds will be released in a timely manner for each version?

The primary benefits associated with Long-Term Support (LTS) versions of Niagara are that each update build includes security updates to third-party libraries, along with fixes to critical defects reported by customers since its initial release. Instead of managing and installing multiple patches, customers can save valuable time by simply downloading and installing each packaged update upon its release. We are dedicated to continuously improving the quality of our products and will provide regular updates to this LTS build throughout its support lifespan.



31. Will web wiresheet be backward compatible?

No, WebWiresheet is not backwards compatible and is also not available in workbench. WebWiresheet can only run in a Niagara 4.11+ stations and is only available in the browser.

32. Is the UxMedia functionality still in a development phase in 4.11, because it says in 4.10 help it is still under development?

UxMedia is available to use in 4.10 and will continue to receive bug fixes and improvements in subsequent versions of Niagara.

33. When does that 2.5 years long term support start? What is the date? The initial release date of 4.10 or when the latest security update is released?

The Long-Term Support started with the release of Niagara 4.10 in March of 2021. Please see the following links for further information on Niagara releases and its corresponding support policy.

<https://docs.niagara-community.com/bundle/Reseller/resource/NiagaraSoftwareMaintenancePolicyMatrix.pdf>

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34. Did you say Admin write permissions are required for the WebWiresheet - not Operator?

Yes, just like workbench Wiresheet, adminWrite Permissions are required to access the WebWiresheet as well.