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## Real-Time Availability

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### Note

This information is not applicable to Primo VE environments. For more details on Primo VE configuration, see [Primo VE](#).

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The Real-Time Availability (RTA) feature allows Primo sites to get real-time availability statuses for physical items directly from the source system.

To use this feature, Primo requires a program (adaptor) for every source system that ideally has some kind of API to enable the program to retrieve availability information. Primo provides out-of-the-box support for the following:

- Aleph and Voyager – See [Configuring RTA for Aleph and Voyager](#).
- Alma – See [Configuring RTA for Alma](#).
- III Millennium – See [Configuring RTA for III Millennium](#).
- Talis – See [Configuring RTA for Talis](#).

If you are using a source system other than the ones listed above, you can create your own RTA adaptor. For more information, see [Creating Your Own RTA Adaptor](#).

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## How RTA Works

Primo uses the source system (control/sourcesystem) and the delivery category of the record to determine if RTA should be invoked for the record. RTA is invoked only if the delivery category of the record is a physical item or a microform and RTA is enabled for the source system. The RTA program will update the Library Level Availability field (display/availlibrary), which is the basis for all availability status displays in the Front End. If RTA fails for some reason, Primo displays the availability status that is stored in the PNX.

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### Note




RTA assumes that the records already have the Library Level Availability field, which the publishing pipe creates.

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## The RTA Display

Real-Time Availability displays the real-time availability status. When the page is displayed on the screen, the system displays the current availability statement of all records. The system adds (updating...) to the records whose availability statement is being checked. The following figure shows RTA updating the links.

	☆ <b>The portable James Joyce</b> Harry Levin 1912- ed.; James Joyce 1882-1941 1947 <b>Check holdings at</b> Volcano (Palm) Campus Library General collection (PR6019.O9 A6 1947 ) (updating...)
	<a href="#">Request</a> <a href="#">Locations</a> <a href="#">Details</a> <a href="#">Reviews &amp; Tags</a> <a href="#">Recommendations</a> <a href="#">More</a>
	☆ <b>Nordiska namnstudier : festskrift till Harry Ståhl, 22 september 1985.</b> Harry Ståhl 1905-; Thorsten Andersson 1929- 1985 <b>Available at</b> Volcano Campus Fun Library General collection (PD1803 .N63x 1985 ) (updating...)
	<a href="#">Request</a> <a href="#">Locations</a> <a href="#">Details</a> <a href="#">Reviews &amp; Tags</a> <a href="#">Recommendations</a> <a href="#">More</a>
	☆ <b>Harry Callahan</b> Harry M. Callahan Sherman Paul; Museum of Modern Art (New York, N.Y.) c1967 <b>Available at</b> Volcano Campus Fun Periodicals Art Exhibition Catalogs (B283 ) (updating...)
	<a href="#">Request</a> <a href="#">Locations</a> <a href="#">Details</a> <a href="#">Reviews &amp; Tags</a> <a href="#">Recommendations</a> <a href="#">More</a>

### Availability Status in the Brief Record Display

In the full record display, the updating message displays, if necessary, next to the calculated availability status.

<b>Nordiska namnstudier : festskrift till Harry Ståhl, 22 september 1985.</b> Harry Ståhl 1905-; Thorsten Andersson 1929- 1985 <b>Available at</b> Volcano Campus Fun Library General collection (PD1803 .N63x 1985 ) (updating...)	
<a href="#">Request</a> <a href="#">Locations</a> <a href="#">Details</a> <a href="#">Reviews &amp; Tags</a> <a href="#">Recommendations</a> <a href="#">More</a>	
Send to ▾   X	
<p><b>Title:</b> Nordiska namnstudier : festskrift till Harry Ståhl, 22 september 1985.</p> <p><b>Author:</b> Harry Ståhl 1905- ; Thorsten Andersson 1929-</p> <p><b>Subjects:</b> Ståhl, Harry, 1905- ; Scandinavian languages -- Etymology -- Names ; Names, Scandinavian</p> <p><b>Publisher:</b> Uppsala : Lundequistska bokhandeln</p> <p><b>Creation Date:</b> 1985</p> <p><b>Format:</b> xviii, 430 p. : ill. ; 24 cm.</p> <p><b>Language:</b> Swedish ; Danish ; English ; Norwegian</p> <p><b>Source:</b> Blue Bay Aleph</p>	<p><b>Links</b></p> <ul style="list-style-type: none"> <li><a href="#">This item in the Library Catalog</a></li> <li><a href="#">Table of Contents</a></li> <li><a href="#">Abstract</a></li> <li><a href="#">This item in Amazon.com</a></li> <li><a href="#">This item in WorldCat®</a></li> </ul>

### Availability Status in Full Record Display

## Automatic Screen Update

Users can control the automatic update for RTA and other asynchronous options that are added to Primo using the Update my screen automatically check box that displays in the footer of every page.

Users who disabled Javascript or turned off the automatic update must click the Update Availability Status link that displays at the bottom of the page to receive the updated availability status. Note that any user can click the Update Availability Status link to update the availability status manually.

## Creating Your Own RTA Adaptor

The RTA (Real-Time Availability) plugin is a Java interface that can be used to create your own program for additional ILS systems. For more information, see the following page in the Developer Network:

<https://developers.exlibrisgroup.com/primo/integrations/frontend/rta>