

VuFind Displays of Holdings Data

Last Revised September 11, 2008

Structure: This spec is divided into two sections, to describe the display of holdings data on the Results Page and the Record Page. In each section, data elements are described in the order in which they would appear. We consider some 856 field data as "holdings data," whether they come from bibliographic or holdings records in Voyager. Consequently, specifications for 856 field handling have been incorporated into this document.

Definition: A monograph is anything with biblvl m AND mfhd type x AND enumeration fields of all attached items are blank or null.

VuFind Results Page:

Location:

- If there's no mfhd, suppress the label altogether.
- If there's one mfhd and no item, display the mfhd location.
- If there's one mfhd and one item, prefer the item's temporary location if there is one, otherwise display its permanent location.
- If there's one mfhd and multiple items, then compare the preferred location of all the items. (This may mean comparing one item's temporary location with another item's permanent location if the second item doesn't have a temporary location.) If all the preferred item locations are the same, display that. Otherwise, display the words "Click for details" as a hyperlink to the Record page's default/holdings view.
- If there are multiple mfhds, at least one of which has zero items, display the words "Click for details" as a hyperlink to the Record page's default/holdings view.
- If there are multiple mfhds and each of them has at least one item, then compare the preferred location of all the items, across all the mfhds. If all the preferred item locations are the same across all mfhds, display that. Otherwise, display the words "Click for details" as a hyperlink to the Record page's default/holdings view.

Call number:

- If there's no mfhd, suppress the label altogether.
- If there's one mfhd, display its call number.
- If there are multiple mfhds, compare their normalized call numbers. If these are the same, display the display form of one of them. Otherwise, display "Click for details" as a hyperlink to the Record page's default/holdings view.

SFX (or other link resolver) button appears next, if applicable.

856 field display:

- Only bib 856 fields with first indicator 1, 4 or 7 AND second indicator 0 or 1 should be included on the Results page.

- If the string "table of contents" appears in the field, do not display the field on the Results page.
- If more than one 856 field with appropriate indicators exists in the bib, include the first 856 that has appropriate indicators on the Results page and add a hyperlinked "More" that leads the user to the Record page.
- The linking text on the Results page should be "Get it online" (without the quotes).
- The presence of the 856 field should not suppress the display of the call number.
- If the SFX (or other link resolver) button will display, do not also display an 856 link.

Summarized availability statement:

- If there are no mfhds, display a red bullet and the words "Not Available."
- If all attached mfhds have at least one attached item then:
 - If the bib and all of its mfhds describe a monograph, then:
 - ♣ If all items are in one of the unavailable statuses, then display a red bullet and the words "Not Available."
 - ♣ Otherwise display a green bullet and the word "Available."
 - If the bib or any attached mfhd describes a non-monograph, then:
 - ♣ If all items are in one of the unavailable statuses, then display a red bullet and the words "Not Available."
 - ♣ If all items are in one of the available statuses, then display a green bullet and the word "Available."
 - ♣ Otherwise display a yellow bullet and the words "Some Items Available."
- If there is only one mfhd and it has no items attached, do not display anything on the Results page about availability.
- If there are multiple mfhds and any one of them has no attached items then:
 - If the bib and all of its mfhds describe a monograph then:
 - ♣ If there is any item in one of the available statuses then display a green bullet and the word "Available."
 - ♣ Otherwise, do not display anything on the Results page about availability.
 - If the bib and any of its mfhds describe a non-monograph then:
 - ♣ If there is any item in one of the available statuses then display a yellow bullet and the words "Some Items Available."
 - ♣ Otherwise, do not display anything on the Results page about availability.

Item statuses that count as "available":

ITEM STATUS TYPE	ITEM STATUS DESC	DISPLAYED IN WEBVOYAGE AS
1	Not Charged	Available
6	Hold Request	Requests: #
11	Discharged	Recently checked in
16	Damaged	[not displayed in WebVoyage]

19	Cataloging Review	[not displayed in WebVoyage]
20	Circulation Review	[not displayed in WebVoyage]
21	Scheduled	Scheduled (Requests: #)
23	Call Slip Request	Requests: #
24	Short Loan Request	Requests: #
25	Remote Storage Request	Requests: #

Item statuses that count as "not available." Note that an item may have multiple statuses. If an item has any of the following statuses, it is "not available," even if the item also has status 1, "Not charged," which we translate to the users as "available":

ITEM STATUS TYPE	ITEM STATUS DESC	DISPLAYED IN WEBVOYAGE AS
2	Charged	Checked out
3	Renewed	Renewed
4	Overdue	Overdue
5	Recall Request	Requests: #
7	On Hold	On Hold at...
8	In Transit	In Transit
9	In Transit Discharged	[not displayed]
10	In Transit On Hold	[not displayed]
12	Missing	Missing
13	Lost--Library Applied	Reported Lost by Patron
14	Lost--System Applied	Overdue, Assumed Lost
15	Claims Returned	[not displayed]
17	Withdrawn	[not displayed]
18	At Bindery	At Bindery
22	In Process	In Process

VuFind Record Page:

We propose that holdings data on the Record Page display in a collapsed and an expanded view. See illustrations. In the collapsed view, two column headers will always be present, whether or not there are data to display beneath them: Location and Call Number. Other columns will be present only when there are data to display in them. We describe the columns below in the order (top to bottom) that they should display (left to right). The collapsed view will use one table row for each mfhd, although the text in some cells may wrap to two or more lines. Rows should alternate background color, so that sighted users can better see where information about one copy leaves off and the next begins. If the user selects the expanded view for a particular mfhd, the background color of the expanded display should be the same as its parent row. We do not have a preconceived idea about what the "mechanism" (graphical button) should be to expand and collapse the display of holdings data, except that we think it should not be the same (+)/(-) used to apply or remove facets. For the sake of this spec we propose an (i+) and an (i-), but the mechanism might be a tipping triangle or something else that will be familiar to users as a "show more"/"show less" icon.

856 fields will be found in Voyager bibliographic and MFHD records. There may be multiple 856 fields within the bib, multiple 856 fields within one MFHD, and/or 856 fields in each of multiple MFHDs attached to a single bib.

856 field display

- Any 856 field with a second indicator of blank, 0, 1, or 2 will display in VuFind somewhere on the Record page, UNLESS both indicators from a MFHD 856 match the indicators on a bib 856.
 - o If both indicators match when comparing a bib 856 with a MFHD 856, prefer the MFHD 856; do not display the 856 from the bib.
 - o [Do not compare indicators of MFHD 856 to MFHD 856; do not compare indicators of bib 856 to bib 856. Matches in these cases are irrelevant, not to be used for deduplicating.]
- Where the 856 data display in VuFind will be determined by the field's second indicator, not by the Voyager record in which the field was found.
 - o If the second indicator is 2 or blank, display the 856 among the **bibliographic data** in VuFind and also in the **Expanded view of the Holdings tab** area.
 - ♣ If the first indicator is 0 or 4, precede the hyperlink with the label "Related information:"
 - ♣ If the first indicator is 1, precede the hyperlink with the label "Download:"
 - ♣ If the first indicator is 2 or 3, precede the hyperlink with the label "Connect:"
 - ♣ If the first indicator is 7, precede the hyperlink with the label "Connect via [whatever it says in \$2]:
 - ♣ If there are multiple 856 fields eligible for display among the bibliographic data, display them all, in whatever order is easiest.
 - ♣ Any 856 fields included among the bibliographic data in VuFind should display just above the "Tags:" row.
 - o If the second indicator is 0 or 1, display the 856 **only** on the **Holdings tab** in VuFind.
 - ♣ Display the 856 in the area **between the name of the library and the row of yellow column headings** that describe print holdings.
 - ♣ Also display the 856 as the first line in the **Expanded view area**.
 - ♣ Precede the hyperlink with the label "Online access:" (Examples #8, 11, 13)
 - ♣ If there are multiple 856 fields eligible for display on the Holdings tab, display those with second indicator 0 above those with second indicator 1.
 - o If the second indicator is 8, then:
 - ♣ If the 856 field is from the bib record, do not display it at all.
 - ♣ If the 856 field is from a MFHD record, display it only in the expanded view of that MFHD without any special label.
- The target of hyperlinked 856 data is always the address in \$u. (Examples #8, 11, 13)
- The linking text should be taken from the \$y. In the absence of the \$y, use the \$3. In the absence of the \$y or \$3, use the \$u.
- After the hyperlink display the \$z, if any, as plain text. (Example #8)
- The presence of an 856 field should not suppress the display of call numbers if there are any.

- The presence of a GoogleBooks or SFX button should not suppress the display of 856 fields on the Record page.

Column header: Location

The location column always displays. Each mfhd gets its own row in the table.

- If there are no mfhds, the column will be blank.
- If there are no items attached to a particular mfhd, display that mfhd's location.
- If there is one item attached to a mfhd, display the item's temporary location, if any. Otherwise, display the item's permanent location.
- If there are multiple items attached to a mfhd, compare their preferred locations. (This may mean comparing one item's temporary location with another item's permanent location if the second item doesn't have a temporary location.)
 - o If all the preferred item locations are the same, display that.
 - o Otherwise, display the words "Location varies" as a hyperlink that opens the expanded holdings view for that mfhd. (Example #7)

Column header: Call Number

The call number column always displays. Each mfhd gets its own row in the table. Display the display form of the call number, if there is one. Otherwise, leave the column blank. (Example #1)

Column header: Status of Items

The item status column displays only where there is at least one item on at least one mfhd. Each mfhd gets its own row in the table.

- If a mfhd has no items, leave the column blank in that row. (Examples #1, 2, 8)
- Otherwise, summarize the item availability for each mfhd as an "n of N Available" statement: [# items in one of the available statuses] of [# items on this mfhd] Available." (Examples # 3, 5, 6, 7, 9, 10, 11, 12, 13)

Item statuses that count as "available":

ITEM_STATUS_TYPE	ITEM_STATUS_DESC	DISPLAYED IN WEBVOYAGE AS
1	Not Charged	Available
6	Hold Request	Requests: #
11	Discharged	Recently checked in
16	Damaged	[not displayed in WebVoyage]
19	Cataloging Review	[not displayed in WebVoyage]
20	Circulation Review	[not displayed in WebVoyage]
21	Scheduled	Scheduled (Requests: #)
23	Call Slip Request	Requests: #
24	Short Loan Request	Requests: #
25	Remote Storage Request	Requests: #

Item statuses that count as "not available." Note that an item may have multiple statuses. If an item has any of the following statuses, it is "not available," even if the item also has status 1, "Not charged," which we translate to the users as "available":

ITEM STATUS TYPE	ITEM STATUS DESC	DISPLAYED IN WEBVOYAGE AS
2	Charged	Checked out
3	Renewed	Renewed
4	Overdue	Overdue
5	Recall Request	Requests: #
7	On Hold	On Hold at...
8	In Transit	In Transit
9	In Transit Discharged	[not displayed]
10	In Transit On Hold	[not displayed]
12	Missing	Missing
13	Lost--Library Applied	Reported Lost by Patron
14	Lost--System Applied	Overdue, Assumed Lost
15	Claims Returned	[not displayed]
17	Withdrawn	[not displayed]
18	At Bindery	At Bindery
22	In Process	In Process

Column header: Library Has

The library-has column displays only where there is at least one mfhd with at least one 866, 867 or 868 field in it (Examples #5, 8, 11, 13). Each mfhd gets its own row in the table. Within the table cell, each 866, 867 or 868 field begins on a new line (Examples #1, 7). Display the 866 \$a data as you find them. Precede the 867 \$a data with the label "Supplements:". Precede the 868 \$a data with the label "Indexes:" (Example #7).

Column header: Recently Received

The serials check-in column displays only where there is at least one mfhd with serial check-in data flagged for display in the OPAC. Each mfhd gets its own row in the table. Within the table cell, each receipt statement begins on a new line. Display every receipt statement for which OPAC_SUPPRESSED=1 in the ISSUES_RECEIVED table. (Example #13)

Column header: [More Information or Expand All / Collapse All]?

The more-info column displays only where there is at least one mfhd with at least one item attached or at least one mfhd that contains any of the following fields: 506, 538, 561, 562, 563, 583, 843, 845, 852 \$I, 852 \$Z, 863, 864, or 865. Display the button in the row for each mfhd that meets these criteria. (Examples # 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)

Expanded View for a Single MFHD

The expanded view displays when invoked by the user. When it displays, its background color should be the same as the background color of its parent row from the collapsed view.

Display any 856 fields first. The expanded view will repeat the display of any 856s from that mfhd that display elsewhere on the Record page using the same indicator-driven labels. See "856 field display" section above. As elsewhere, use the contents of the \$y as the linking text, if available; if there's no \$y, use the \$3; if there's no \$y or \$3, use the \$u. Display the \$z as plain text, after the hyperlink.

Display any mfhd notes next. Each note begins on a new line. (Examples #1, 7, 10, 11, 13)
 Precede the data with the following labels:

- Restrictions on Access: 506
- Copy-specific Note: 562
- System Details Note: 538
- Former Ownership History: 561 (Example #10)
- Binding Note: 563
- Action Note: 583
- Reproduction Note: 843 (Example #10)
- Terms of Use: 845
- Shelving Title: 852 \$I
- Note: 852 \$Z (Examples #1, 7, 11, 13)

If there are any items, display their information next, (Examples # 3, 4, 5, 6, 7, 9, 10, 11, 12, 13) beginning each item's data on a new line: enumeration, chronology, year, item copy number preceded by "c.", [real] item status(es), pick-up location, due date, permanent location, and temporary location preceded by "Temporarily Shelved at:" (Examples #3, 7). Display all item statuses (there may be multiple statuses on a single item; separate them with a comma and a space) except for 15 (claims returned), 19 (cataloging review) and 20 (circulation review), and except for 1 (not charged/available) if there is an additional status on the same item that indicates it is not available. Use the following item status code translations in the font color indicated. For instance:

```

<span class="unavailable">Charged</span>
and:
.unavailable {
  color: red;
}
<span class="warning">Damaged</span>
and:
.warning {
  color: orange;
}
    
```

ITEM_STATUS_TYPE	ITEM_STATUS_DESC	VUFIND RE-TRANSLATION	COLOR
1	Not Charged	Available	black/default
2	Charged	Checked out - Due on [date]	red
3	Renewed	Renewed - Due on [date]	red
4	Overdue	Overdue as of [date]	red
5	Recall Request	Recalled	red
6	Hold Request	Requested	yellow or orange
7	On Hold	On Hold at [pick-up library], [pick-up desk]	red
8	In Transit	Routed from [happening location] in [sending library] to [pick-up desk] in [receiving library] on	

ITEM STATUS TYPE	ITEM STATUS DESC	VUFIND RE-TRANSLATION	COLOR
		[date]	
9	In Transit Discharged	[no longer used; should not occur]	
10	In Transit On Hold	[no longer used; should not occur]	red
11	Discharged	Recently checked in	black/default
12	Missing	Missing	red
13	Lost--Library Applied	Reported Lost by Patron	red
14	Lost--System Applied	Overdue, Assumed Lost	red
15	Claims Returned	[do not display, except, if possible, on the Your Account page]	
16	Damaged	Damaged	yellow or orange
17	Withdrawn	Withdrawn	red
18	At Bindery	At Bindery	red
19	Cataloging Review	[do not display]	
20	Circulation Review	[do not display]	
21	Scheduled	Scheduled for [date], [time]	yellow or orange
22	In Process	In Process	red
23	Call Slip Request	Requested	yellow or orange
24	Short Loan Request	Requested	yellow or orange
25	Remote Storage Request	Requested	yellow or orange

If there are no items, display from the MFHD any 853/863 field pairs, 854/864 field pairs preceded by "Supplements:", and 855/865 field pairs preceded by "Indexes:". Begin each field pair on a new line. (No example, need one)