

# Default Report

*Call for resourcing Hyrax*

June 19, 2019 11:38 AM MDT

## Q21 - Your Name and Institution

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Brian McBride, University of Utah

Eoin Kilfeather, National Library of Ireland

Dan Kerchner

Matthew Phillips, Durham University

Tim Marconi - UC San Diego Library

Simeon Warner for Cornell

Hannah Frost, Stanford Libraries

Will Sexton, Duke University Libraries

Carolyn Caizzi, Northwestern

Chrissy Rissmeyer, UC Santa Barbara

Dan Coughlin Penn State University

Mark Bussey, Data Curation Experts

Joe Lakes, Trinity College Dublin

Josh Gum, Oregon State University

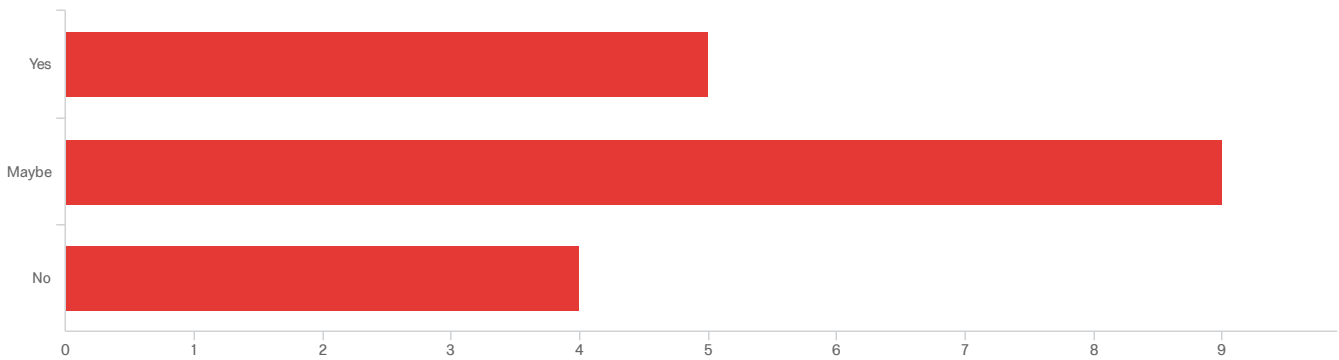
Jon Dunn, Indiana University

John Weise, University of Michigan

Sadie Roosa, WGBH

Mark B - DCE

Q1 - 1. Permissions: The goal of this development effort is to polish and slightly expand functionality around permissions, role, and group management in Hyrax. Specifically, focusing on areas of UI for managing permissions, offering a slightly expanded set of roles, and improving the ability to create and manage groups. This work will be conducted per requirements defined by the Hyrax, Hyku, and Avalon product owners, as well as with input from the community.



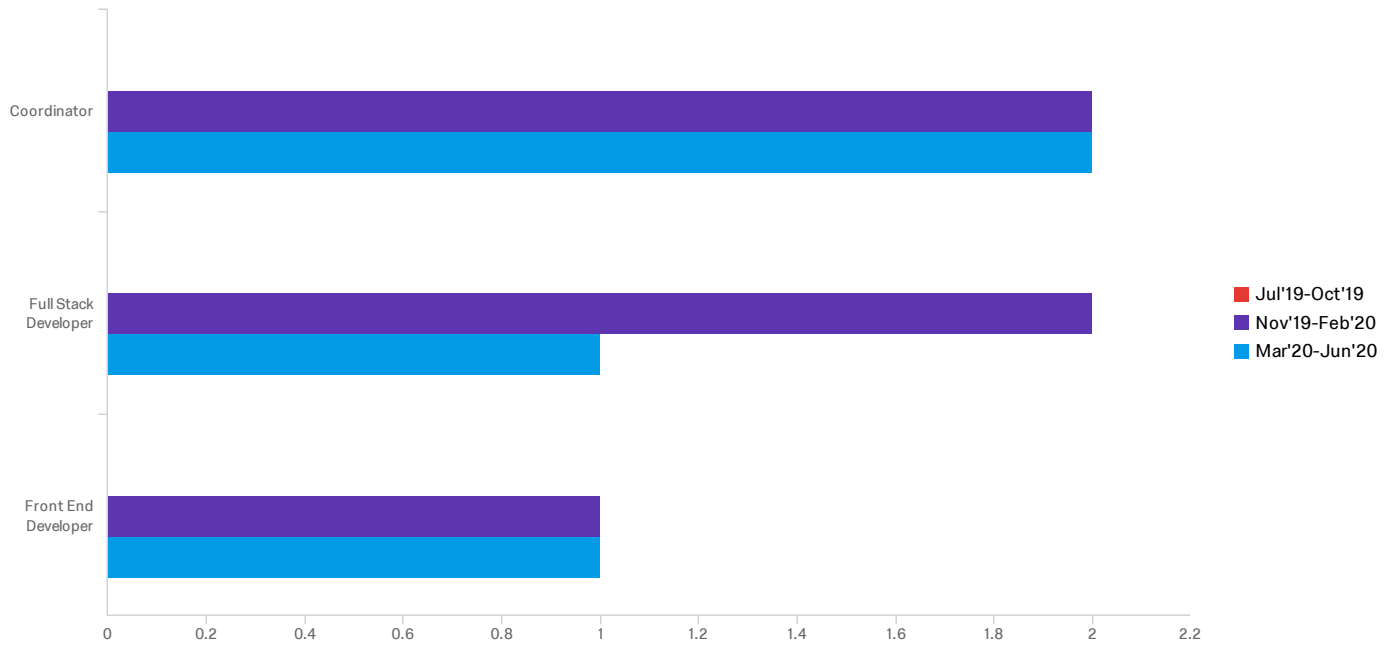
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	1. Permissions: The goal of this development effort is to polish and slightly expand functionality around permissions, role, and group management in Hyrax. Specifically, focusing on areas of UI for managing permissions, offering a slightly expanded set of roles, and improving the ability to create and manage groups. This work will be conducted per requirements defined by the Hyrax, Hyku, and Avalon product owners, as well as with input from the community.	1.00	3.00	1.94	0.70	0.50	18

#	Field	Choice Count
1	Yes	27.78% 5
2	Maybe	50.00% 9
3	No	22.22% 4

18



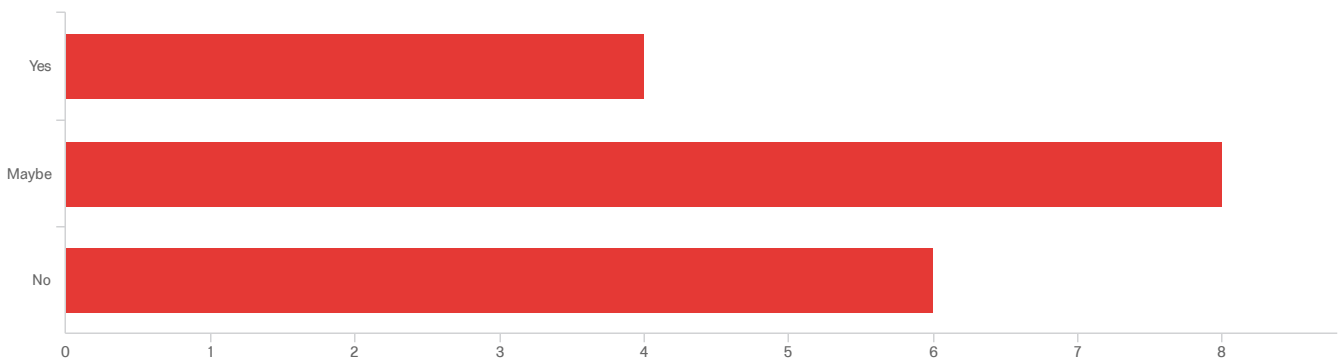
## Q12 - 1a. Would you be willing to commit resources for Permissions work?



#	Field	Coordinator	Full Stack Developer	Front End Developer	Total
1	Jul'19-Oct'19	0.00% 0	0.00% 0	0.00% 0	0
2	Nov'19-Feb'20	40.00% 2	40.00% 2	20.00% 1	5
3	Mar'20-Jun'20	50.00% 2	25.00% 1	25.00% 1	4

Showing rows 1 - 3 of 3

Q9 - 2. Analytics: The goal of this development effort is to implement the previously defined MVP for Analytics in Hyrax. The Hyrax Analytics Working Group worked with the Hyrax product owner and the broader community to define requirements and review design. In addition, a small group of developers worked towards implementation of Analytics on Hyrax in early 2018. Some of this previous work will still be usable in this next round of development. The scope of the work will be slightly smaller than previously defined.



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	2. Analytics: The goal of this development effort is to implement the previously defined MVP for Analytics in Hyrax. The Hyrax Analytics Working Group worked with the Hyrax product owner and the broader community to define requirements and review design. In addition, a small group of developers worked towards implementation of Analytics on Hyrax in early 2018. Some of this previous work will still be usable in this next round of development. The scope of the work will be slightly smaller than previously defined.	1.00	3.00	2.11	0.74	0.54	18

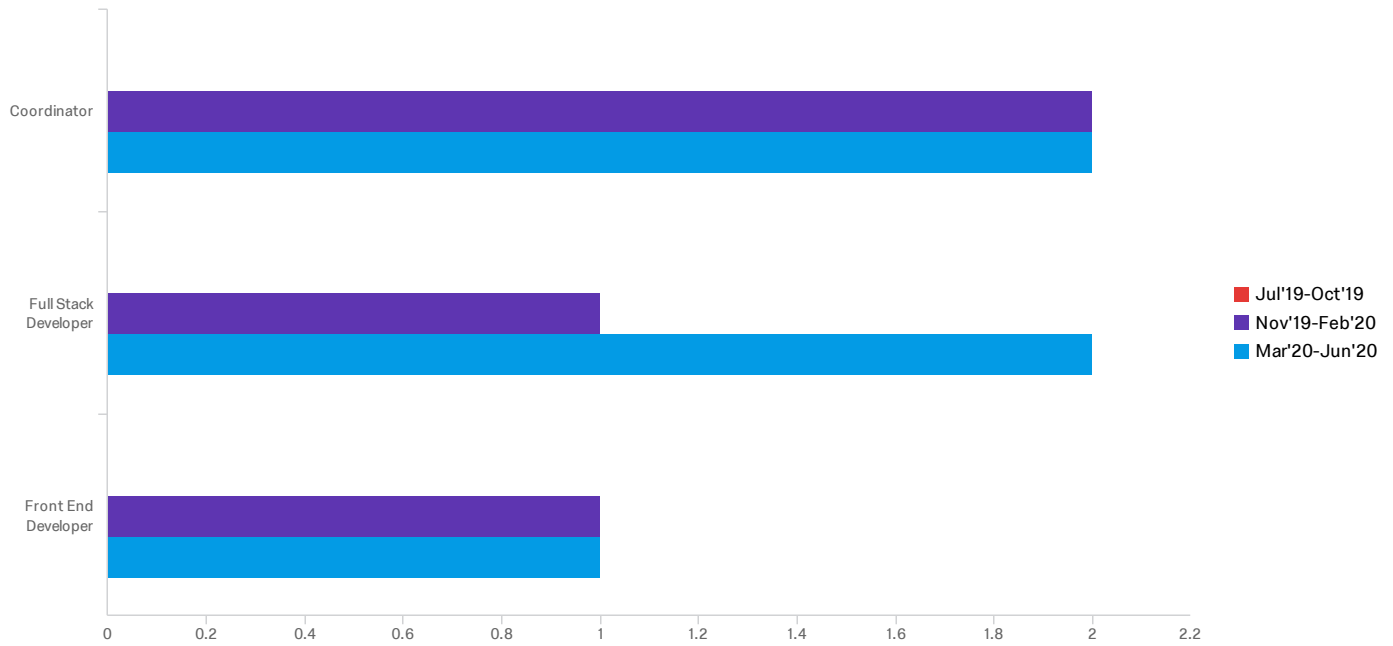
  

#	Field	Choice Count
1	Yes	22.22% 4
2	Maybe	44.44% 8

#	Field	Choice Count
3	No	33.33% 6
		18

Showing rows 1 - 4 of 4

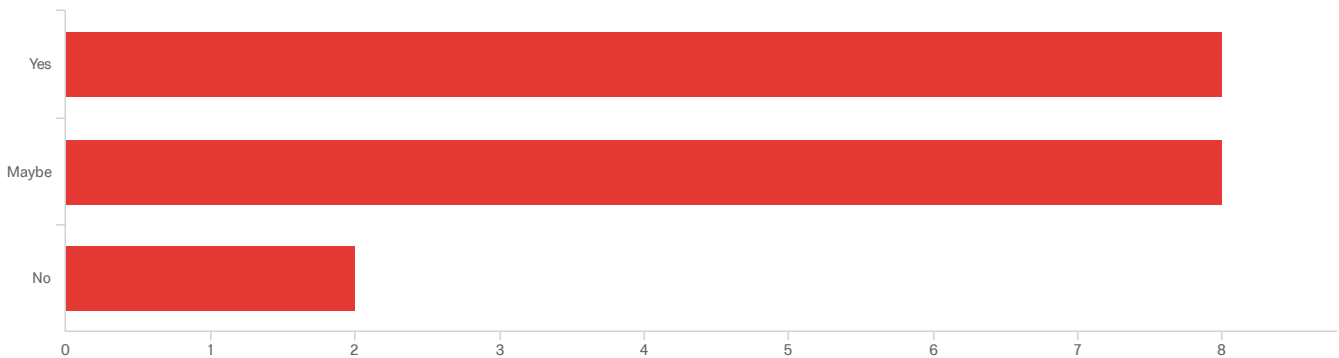
## Q18 - 2a. Would you be willing to commit resources for Analytics work?



#	Field	Coordinator	Full Stack Developer	Front End Developer	Total
1	Jul'19-Oct'19	0.00% 0	0.00% 0	0.00% 0	0
2	Nov'19-Feb'20	50.00% 2	25.00% 1	25.00% 1	4
3	Mar'20-Jun'20	40.00% 2	40.00% 2	20.00% 1	5

Showing rows 1 - 3 of 3

Q16 - 3. The Hyrax Working Group (HWG) is charged with supporting core maintenance and development for Hyrax in order to provide a stable base of support for the solution bundle. This working group is not meant to be a replacement for community-led development efforts and/or contributions, but rather, it is meant to augment such efforts and release community members who are not part of the working group from the responsibilities around the maintenance of Hyrax.



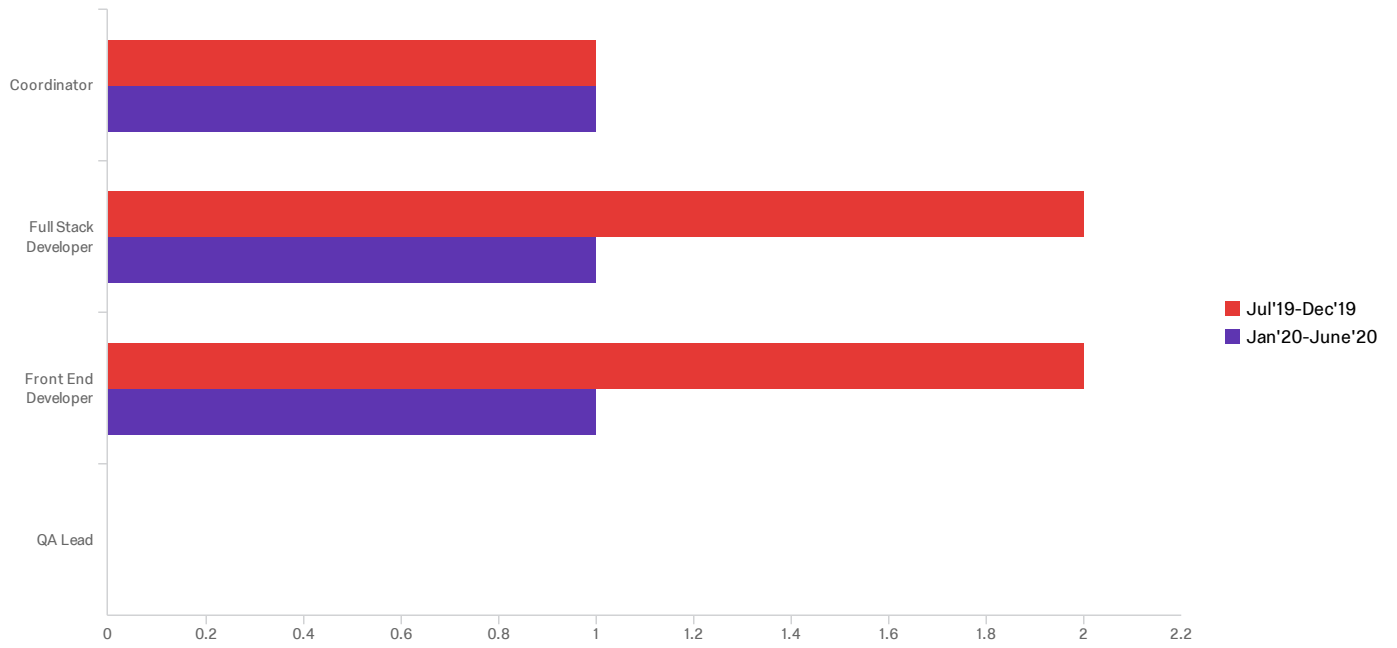
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	3. The Hyrax Working Group (HWG) is charged with supporting core maintenance and development for Hyrax in order to provide a stable base of support for the solution bundle. This working group is not meant to be a replacement for community-led development efforts and/or contributions, but rather, it is meant to augment such efforts and release community members who are not part of the working group from the responsibilities around the maintenance of Hyrax.	1.00	3.00	1.67	0.67	0.44	18

#	Field	Choice Count
1	Yes	44.44% 8
2	Maybe	44.44% 8
3	No	11.11% 2
		18





### Q19 - 3a. Would you be willing to commit resources for Hyrax WG?

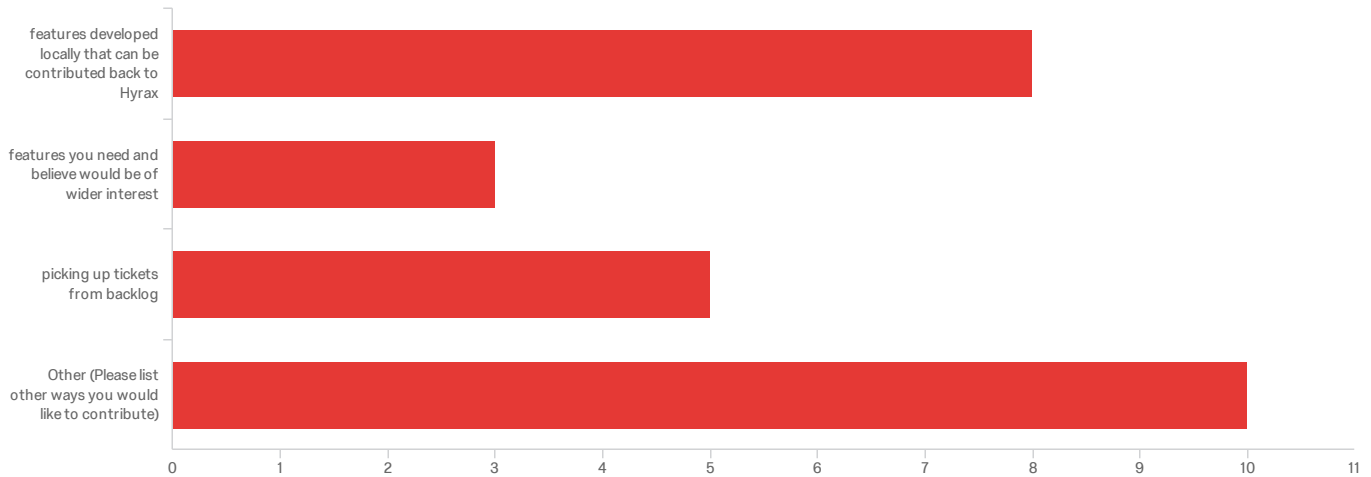


#	Field	Coordinator	Full Stack Developer	Front End Developer	QA Lead	Total
1	Jul'19-Dec'19	20.00% 1	40.00% 2	40.00% 2	0.00% 0	5
2	Jan'20-June'20	33.33% 1	33.33% 1	33.33% 1	0.00% 0	3

Showing rows 1 - 2 of 2

Q22 - 4. If you are not able to put resources for the above features/maintenance work, would you be willing to contribute otherwise. Please list ways you are willing to contribute.

For example:



#	Field	Choice Count
1	features developed locally that can be contributed back to Hyrax	30.77% 8
2	features you need and believe would be of wider interest	11.54% 3
3	picking up tickets from backlog	19.23% 5
4	Other (Please list other ways you would like to contribute)	38.46% 10
		26

Showing rows 1 - 5 of 5

Q22\_4\_TEXT - Other (Please list other ways you would like to contribute)

Other (Please list other ways you would like to contribute)

We currently do not have a production Hyrax installation, but once we have done our migrations we would be keen to contribute to the community in various ways.

MAYBE for features developed locally that can be contributed back, and features we need that might be if wider interest. Also ongoing QA work funded by LD4P2 grant

I'd like to help with feature testing, if the timing works out with my schedule.

Our developers are mostly committed for the next six months. However, we may be able to contribute a front-end developer later in the year, and he's particularly interested in working on analytics. We can have a decision on his role by the end of September.

Other (Please list other ways you would like to contribute)

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We're probably going to be contributing lower in the stack going forward. We have a mandate to be active contributors and participate in the community.

have Tom Johnson continue as Hyrax tech lead

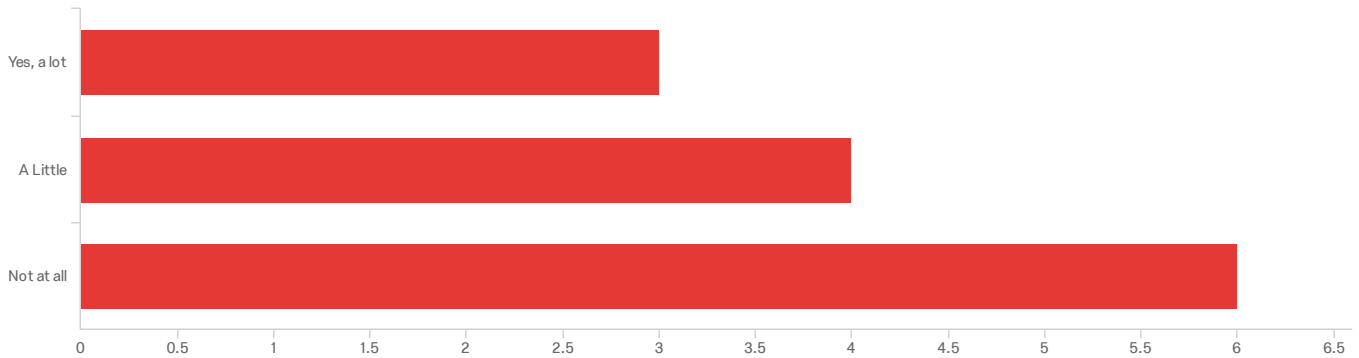
bug fixes, release management, nurax support

I would love to help but at this time my level of Ruby is too low, and our team size is too small (just me!). I have a lot of IT experience, just not very familiar with your development processes

May be able to fund contracted development work in support of Permissions, pending further investigation and discussions on part of the Avalon team

I just want to say that we discuss contributing in these ways, but it remains difficult to make it a priority given other pressures.

Q23 - 5. Are there barriers to contributing that the Community can help with? Please elaborate with examples and suggestions.



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	5. Are there barriers to contributing that the Community can help with? Please elaborate with examples and suggestions. - Selected Choice	1.00	3.00	2.23	0.80	0.64	13

#	Field	Choice Count
1	Yes, a lot	23.08% 3
2	A Little	30.77% 4
3	Not at all	46.15% 6
		13

Showing rows 1 - 4 of 4

Q23\_1\_TEXT - Yes, a lot

Yes, a lot

It would be great if there was a step-by-step guide for ruby newbies, showing us exactly what is required to make a one line code change and commit to the code base.

In an ideal world, there would be more people with more time available to lead/organize/facilitate/support the work cycles so that it is easier for developers to jump in and make contributions. As a community, are we sure we understand what resources are needed to sustain Hyrax development well? The community is struggling to make human resource contributions at all levels. It's circular. How can the Community help the Community lower barriers if the Community doesn't have enough resources? We're open to having our Hyrax WG effort shifted to Permissions, Analytics or other things if that's what would be most helpful.

It takes a long time to get a PR request through sometimes and very little other times, and I don't understand the difference.

## Q23\_2\_TEXT - A Little

A Little

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Limited resources

Issues for us are around human resourcing

Documentation with more detail about how the app works, that assumes less expertise in rails and the various gem dependencies. I'd like to contribute more, but I find it difficult to come up to speed on all the various parts of the code.

I do think on-boarding new developers is a hurdle, but we seem to be getting better. I think the community should be willing to offer training in product management--I think a lot of us have learned as we go when it comes to managing feature requests, etc. I often see a focus on training developers, but what about the repository managers and product management training?

## Q23\_3\_TEXT - Not at all

Not at all

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Not a community issue but for the next year we are focusing on FOLIO LMS migration which will limit effort we can make available for Samvera projects

Our barrier is that our principal repository developer is retiring early next year, and we have to prioritize migrating our main repository stack from Fedora 3 to Valkyrie before he leaves. When/if we have a replacement for him (and complete the refactor) we should have more options.

We've had a couple people move on and a bit resource constrained currently.

Main barrier for us is available resources and other commitments, but our goal is to contribute as much as we can.

## Q24 - 6. What do you think the Samvera Community should prioritize for Hyrax in the coming year and beyond?

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Full support for Valkyrie

Easier setup and deployment. Consider containerization of the Hyrax app, for example with docker (or singularity). Perhaps also recommendations or templates for dev/ops/deployment scripting.

Valkyrie!

Our top priority within Samvera is completing the work to Valkyrie Hyrax. We are devoting 0.25FTE to this and hope it will be completed in 2019. We believe that ongoing maintenance is critical and will hope to support that in 2020 (not yet certain enough to commit ticks to the boxes above; would be good to ask again around Connect time), we may also support additional work on Collection Extensions but effort is limited due to other local commitments, notably FOLIO LMS

The permissions work feels most important.

Analytics first, then permissions.

the processing pipeline has some problems and needs to be re-factored. Batch processing and performant backends (via the Valkyrie work that I thought was starting at some point soon?) would help with the collections management side of Hyrax.

Wings and Houndstooth related work

Making it easier to develop on and less on features and functionality at the user level.

We plan to try to contribute some staff time to one or more of the major initiatives. It will depend a bit on what other commitments are on our docket and how scheduling works out.

Batch ingest. Clear documentation on replacing RIIIF with, say Cantaloupe.

Valkyrie first and foremost, then to decouple the back-end from the front-end.. In the same way that Valkyrie aims to make back-end data/file storage swappable, we should do the same for the front-end by establishing a solid Hyrax API and ship a front-end UI that adheres to it.

Since there's not a space for general feedback: We can only commit through the end of calendar year 2019 at this point, but we will likely be able to continue contributing in 2020.

Features that allow it to surpass DSpace as an IR. Anything to reduce the complexity of the code.

Valkyrie, increased IIF viewer features (like transcripts next to media)

Upgradeable path to Hyrax 3.0

**End of Report**

