



PeeringDB

PeeringDB Update

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Agenda

1. What is PeeringDB?
2. Organizational Update
3. Recent Developments & Product Update
4. What is next?
5. Feedback

What is PeeringDB?

Mission statement: "PeeringDB, a nonprofit member-based organization, facilitates the exchange of user maintained interconnection related information, primarily for Peering Coordinators and Internet Exchange, Facility, and Network Operators."

- A PeeringDB record makes it easy for people to find you, and helps you to establish peering
- If you aren't registered in PeeringDB, you can register at <https://www.peeringdb.com/register>
- We use basic verification for new accounts and require current whois information, so please
 - Update and maintain your whois information
 - Register from an email address associated with your ASN /company



What is PeeringDB?

Why should my exchange, network or facility be listed in PeeringDB?

- Helps establish new peering more efficiently, with all information easy to find in one place
 - Maintain all of your contact and connection info
 - Find other network's peering contact and connection info
 - Find interconnection facility and IXP info
- A PeeringDB record is required by many networks to peer
- Can be used for automation to generate router configurations
 - Initial configuration to setup peering quickly
 - Update configuration if maximum prefixes change

Database Record Statistics (as of 13 Sept 2019)

	2.0 Launch 2016-03-15	2016-12-31	2017-12-31	2018-12-31	2019-08-01	2019-09-11
Exchanges	630	556	614	661	662	698
Networks	5,881	8,116	11,327	14,179	15,932	16,526
Facilities	1,957	2,130	2,635	2,834	2,991	3,352
Organizations	7,490	9,132	11,917	14,402	15,992	16,174
Users	7,866	11,486	15,538	19,668	22,152	22,510

- Strong growth continues since PeeringDB 2.0 launch
 - Lower IXP count in 2016 due to database cleanup
- Users number indicates registered users affiliated with an organization
 - Not an indication of total PeeringDB users

(Partial) RIPE region from PeeringDB's Point of View

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
RU	37	77	420	246	474	495	6243
DE	26	190	1114	927	1386	739	2655
FR	16	151	527	483	652	427	1483
PL	14	54	569	441	610	588	2562
GB	13	184	820	865	1108	734	2700
SE	13	46	223	197	280	166	808
UA	13	32	167	111	187	187	2232
NL	12	124	1046	755	1244	416	1377
IT	10	62	319	252	373	261	1098
CH	9	54	255	228	327	212	913
NO	7	37	76	63	96	71	357
ES	7	36	190	198	252	170	1084
BG	6	19	73	89	117	76	772

Table: Top 13 countries in RIPE region - based on number of IXs - data as seen on 2 September 2019

Organizational Update - Board of Directors and Officers



Chris Caputo – Secretary & Treasurer (Non-Board Member)



Patrick Gilmore – Director (Term Expires 2021)



Aaron Hughes – President (Term Expires 2020)



Fredrik Korsbäck – Director (Term Expires 2021)



Bijal Sanghani – Director (Term Expires 2021)



Job Snijders – Vice President (Term Expires 2020)

Committees

Admin Committee	Operations Committee	Outreach Committee	Product Committee
<ul style="list-style-type: none">• Manage administration of user accounts and PeeringDB records• Answer support tickets• Cleansing and completion of PeeringDB records <p>Leads: Stefan Funke (Chair)</p> <p>Contact: admincom@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage PeeringDB infrastructure <p>Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair)</p> <p>Contact: pdb-ops@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage marketing and social media• Develop and maintain presentations, workshops and webinars• Coordinate presentations and attendance at events <p>Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair)</p> <p>Contact: outreachcom@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage roadmap and development priorities• Ask for input from the community on desired features• Write SoWs to solicit bids to complete requested features <p>Leads: Stephen McManus (Chair) and Matt Griswold (Vice Chair)</p> <p>Product Manager: Filiz Yilmaz</p> <p>Contact: productcom@lists.peeringdb.com</p>

Product Committee



Matt Griswold –
Vice Chair



Greg Hankins –
Outreach Liaison



Florian
Hibbler



Aaron Hughes –
Board Liaison



Eric
Loos



Stephen McManus –
Chair



Arnold
Nipper



Job
Snijders



Greg
Villain



Filiz Yilmaz –
Product Manager

Recent Developments - Highlights

Product Committee Decision Making process

- Renewed process to act faster on issues

- Product Committee Members to shepherd discussions

- Logging decisions on Github for info dissemination and transparency purposes

Translations

- Process documented internally to streamline the release of translated strings

- Languages will be released at 80% maturity level

- Working on external website to help translators - ongoing

Vendor selection Process

- Currently under discussion

- Increase vendor diversity

Product Update - Highlights

Focusing on the Backlog issues, bugs and translations

Recent versions:

2.15 released on 28 August 2019

2.16 announced to be realised on 18 August 2019 (today!)

Changes due to specific issues:

<https://github.com/peeringdb/peeringdb/issues?utf8=%E2%9C%93&q=is%3Aissue+milestone%3A2.15.0>

<https://beta.peeringdb.com/changes> (for the latest)

Fixes for:

- IANA reserved ASNs are not listed in PeeringDB
- Better IP address validation
- Links to maps.google.com in translations
- Oauth correctly sets next url (had priority due to IXP Manager release)
[Info on Oauth at <https://docs.peeringdb.com/oauth/>]
- Newlines in Javascript Markdown renderer behave same as in the python renderer

Translations

translate.peeringdb.com/projects/peeringdb/#information

PeeringDB Translations Dashboard Projects Languages

PeeringDB

Components Languages **Info** Search Glossaries Insights Tools Share

Project website	https://peeringdb.com
Instructions for translators	https://docs.peeringdb.com/translation/
Translation license	PeeringDB License
Number of strings	13132
Number of words	76133
Number of languages	19
Number of source strings	692
Number of source words	4015

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PeeringDB

translated 58%

Components Languages **Info** Search Glossaries Insights Tools Share

Language	Translated	Words
Arabic	19.8%	10.5%
Chinese (Simplified)	93.8%	81.4%
Chinese (Traditional)	90.6%	80.4%
Czech	77.3%	60.3%
Danish	27.2%	13.5%
English (United States)	0.0%	0.0%
French	81.8%	67.1%
German	100.0%	100.0%
Greek	82.2%	68.3%
Indonesian	0.0%	0.0%
Italian	79.5%	66.3%
Japanese	89.9%	84.9%
Portuguese	88.9%	79.0%
Romanian	100.0%	100.0%
Russian	80.6%	65.8%
Spanish (Spain)	82.1%	70.6%
Telugu	0.0%	0.0%
Thai	0.0%	0.0%
Turkish	11.6%	4.4%

Product Update - Next release and Discussions

Focus still on the Backlog issues, bug fixes and translations

Discussions on

IX-F importer

Data deletion and how to retain deleted data for R&D purposes

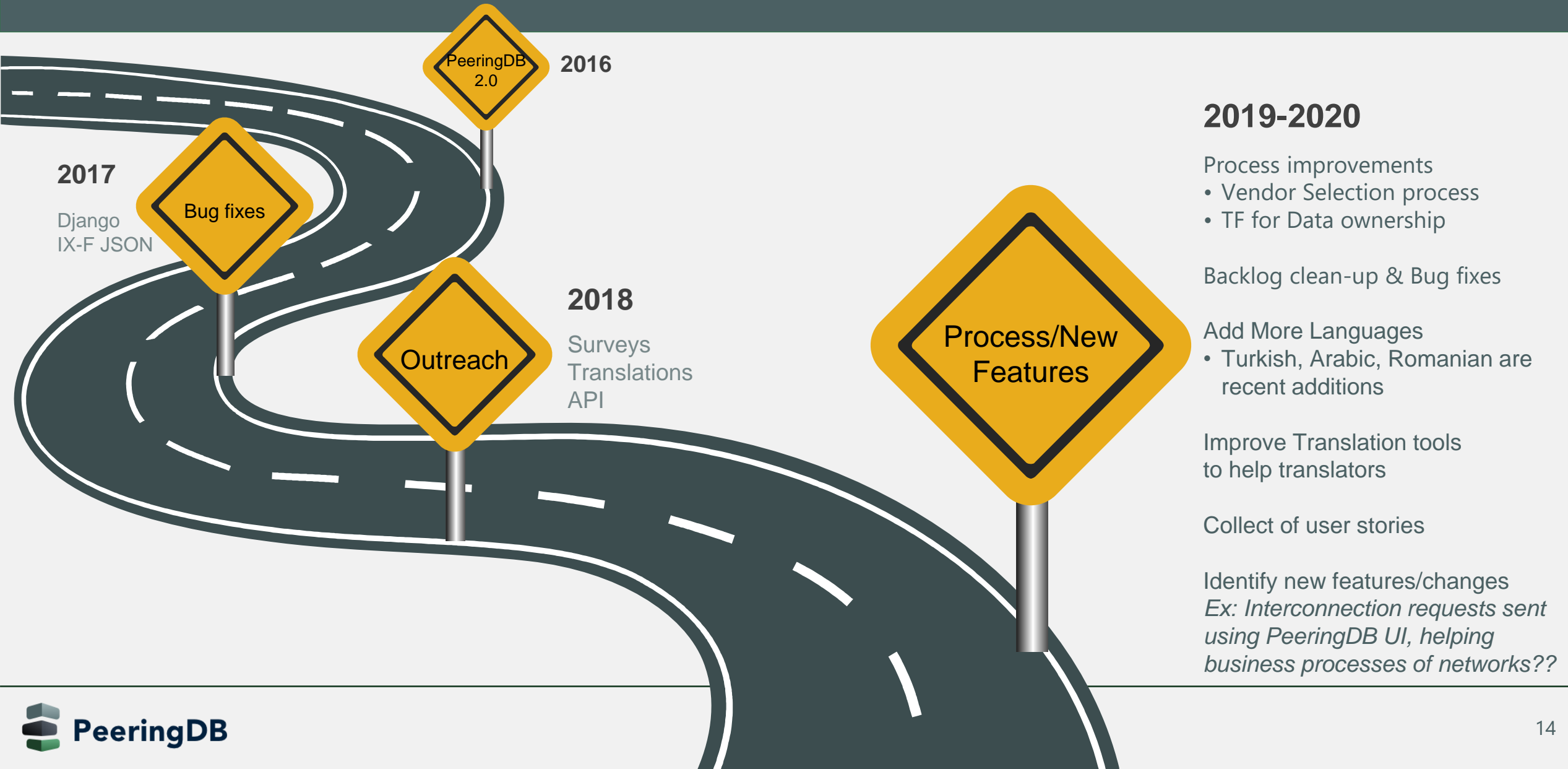
Data ownership

More and more discussion on who owns the data when more than one party involved (ex: netix, ixfac, netfac etc)

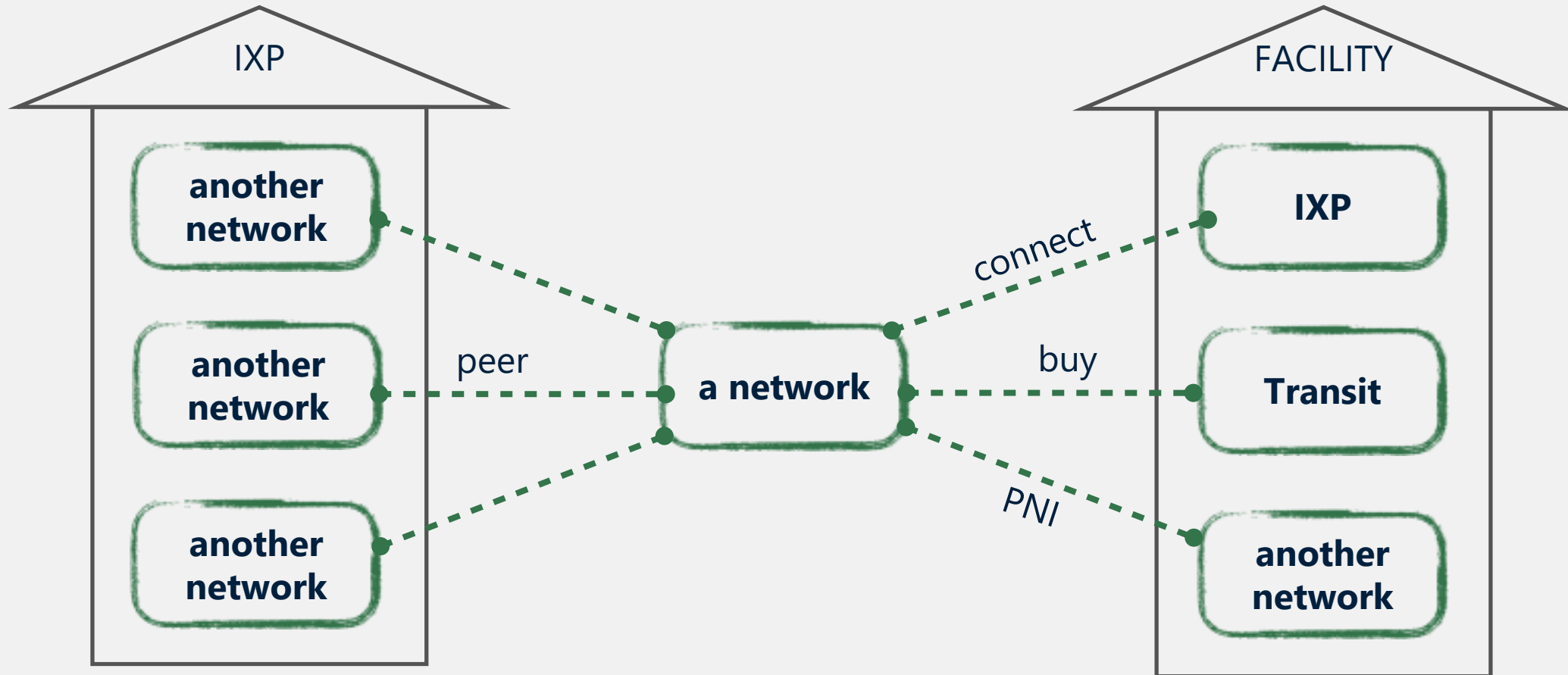
Established a Task Force to work on a policy document

Would you like to take part? ***Let me know!***

Putting it all together and what next?







A possible future or a very crazy idea?: Facilitating Business work processes of a Network over PeeringDB



Want to help?

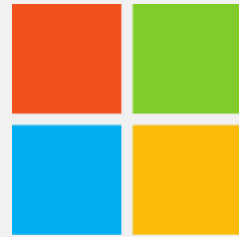
- Provide feedback on bugs you notice and features you want to see on PeeringDB: Create a GitHub issue at <https://github.com/peeringdb/peeringdb/issues>
- Volunteer to translate - <https://translate.peeringdb.com/>
- Volunteer actively taking part in a Committee of your choice!
- Join in the Task Force discussing Data Ownership

Information and Resources

- Announce list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-announce>
- Governance list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
- Technical list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-tech>
- User Discuss list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/user-discuss>
- Docs, presentations, guides, tools: <http://docs.peeringdb.com/>
- Board and Officers: stewards@lists.peeringdb.com
- Admins: support@peeringdb.com
- Presentation requests: outreachcom@lists.peeringdb.com
- Uptime status: <http://status.peeringdb.com/>
-  Bugs and feature requests: <https://github.com/peeringdb/peeringdb/>
- Social media:
 -  <https://www.facebook.com/peeringdb/>
 -  <https://www.linkedin.com/company/peeringdb>
 -  [@PeeringDB](https://twitter.com/PeeringDB)

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Questions/Comments?