New features for Developers in 2020R1

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Agenda

Previous Versions

• System Queues Monitoring Screen
• Insert-only/Update-only headers for REST API

2020R1

• Ability to Call Protected Members in Graph Extensions
• Incoming WebHook configuration
• New Automation steps configuration
• Accessing Automation actions through web services
Previous Versions
System Queues Monitor

Available starting from:

- 2019R1 Update 13
- 2019R2 Update 5
- 2020R1 Beta

Shows status of Push Notifications and Business Events queues
## Insert-only/Update-only headers for REST API

Available starting from:

- 2019R2
- 2020R1 Beta

<table>
<thead>
<tr>
<th>Header</th>
<th>Value</th>
<th>Behavior</th>
</tr>
</thead>
<tbody>
<tr>
<td>If-Match</td>
<td>*</td>
<td>Update only</td>
</tr>
<tr>
<td>If-None-Match</td>
<td>*</td>
<td>Insert only</td>
</tr>
</tbody>
</table>
Ability to Call Protected Methods from Graph Extensions

```java
public class MyGraph : PXGraph
{
    protected void Bar() { } }

public abstract class MySecondLevelExt : PXGraphExtension
{
    [PXProtectedAccess] protected abstract void Bar();

    public void SomeMethod()
    {
        Bar();
    }
}
```
Incoming WebHooks

1. Create a class implementing IWebhookHandler
2. Register the class on the Webhooks screen
3. Test
4. Include into customization
Future Versions
Future Versions

• OData improvements
• Auto suggest join conditions in Generic Inquiries
• Deprecation of 6.00.001 Contract Based API Endpoint
• New Contract Based API Endpoint (REST only)
Useful Links

Share your feedback and request new features
https://feedback.acumatica.com

Download Beta version (Available 2 month before the Release)

Check release notes for developers
Thank You!

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