



# New features for Developers in 2020R1

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# Agenda

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## 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

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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

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Available starting from:

- 2019R2
- 2020R1 Beta

Header	Value	Behavior
If-Match	*	Update only
If-None-Match	*	Insert only

2020 R1

## Ability to Call Protected Methods from Graph Extensions

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```
public class MyGraph : PXGraph
```

```
{ protected void Bar() { } }
```

```
public abstract class MySecondLevelExt : PXGraphExtension
```

```
{
```

```
[PXProtectedAccess] protected abstract void Bar();
```

```
public void SomeMethod()
```

```
{ Bar();}
```

```
}
```

# Incoming WebHooks

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



## Future Versions

## Future Versions

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- 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

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### **Share your feedback and request new features**

<https://feedback.acumatica.com>

### **Download Beta version (Available 2 month before the Release)**

<https://portal.acumatica.com/downloads/acumatica-2020-r1-beta/>

### **Check release notes for developers**

[https://acumatica-builds.s3.amazonaws.com/builds/preview/PDF/AcumaticaERP\\_2020\\_R1\\_Beta\\_ReleaseNotes\\_for\\_Developers.pdf](https://acumatica-builds.s3.amazonaws.com/builds/preview/PDF/AcumaticaERP_2020_R1_Beta_ReleaseNotes_for_Developers.pdf)



# Thank You!

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