Submitting a BIM360 'app' to Autodesk App store

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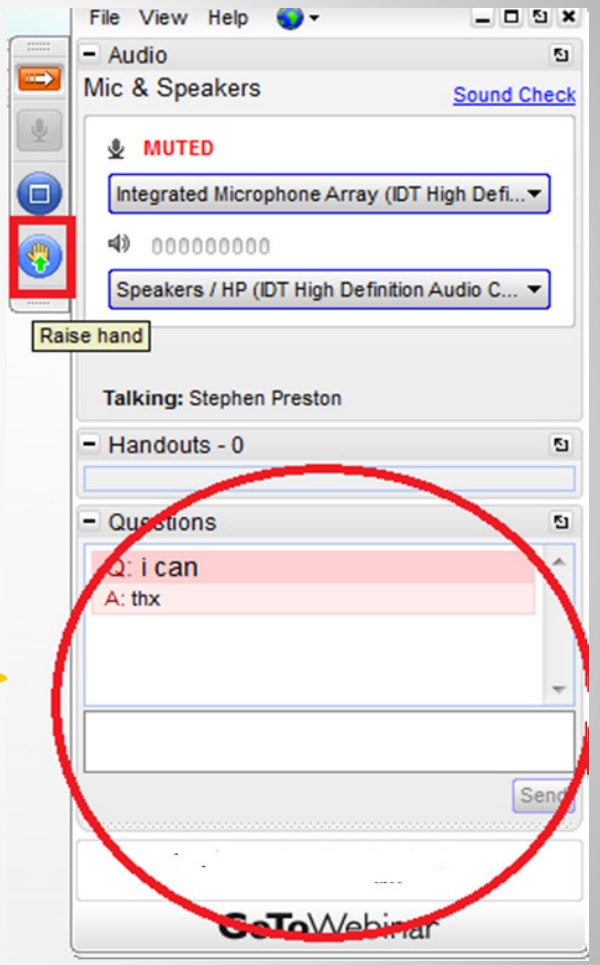
To ask questions

- Raise hand to speak

or

- Type a question



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Agenda

- Before publishing
  - Requirements
  - Security
- Submitting the app
- After
  - IPN
  - New releases
- Future, what's next

Requirements

Requirements

- Visit www.autodesk.com/developapps
  - Relevant
  - Ready-to-use
  - Do not expose user data in public

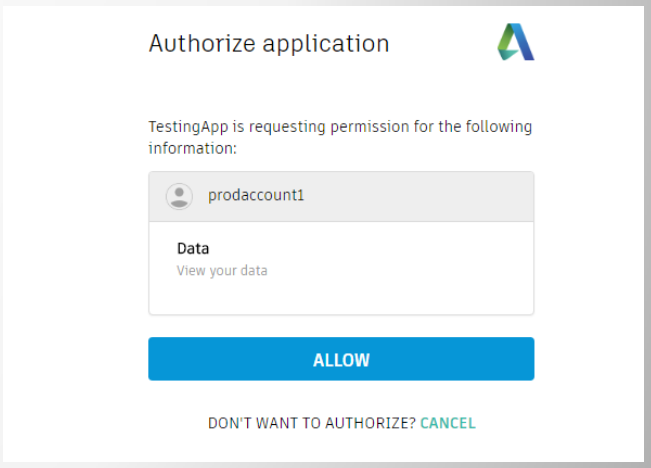
- Must show provisioning steps
  forge.autodesk.com/blog/bim-360-docs-provisioning-forge-apps

- 3-legged is preferred
  - This inherits user permissions
  - Avoid 2-legged to access files (data-leak), or (if needed) use ***x-user-id*** header

Security

Security

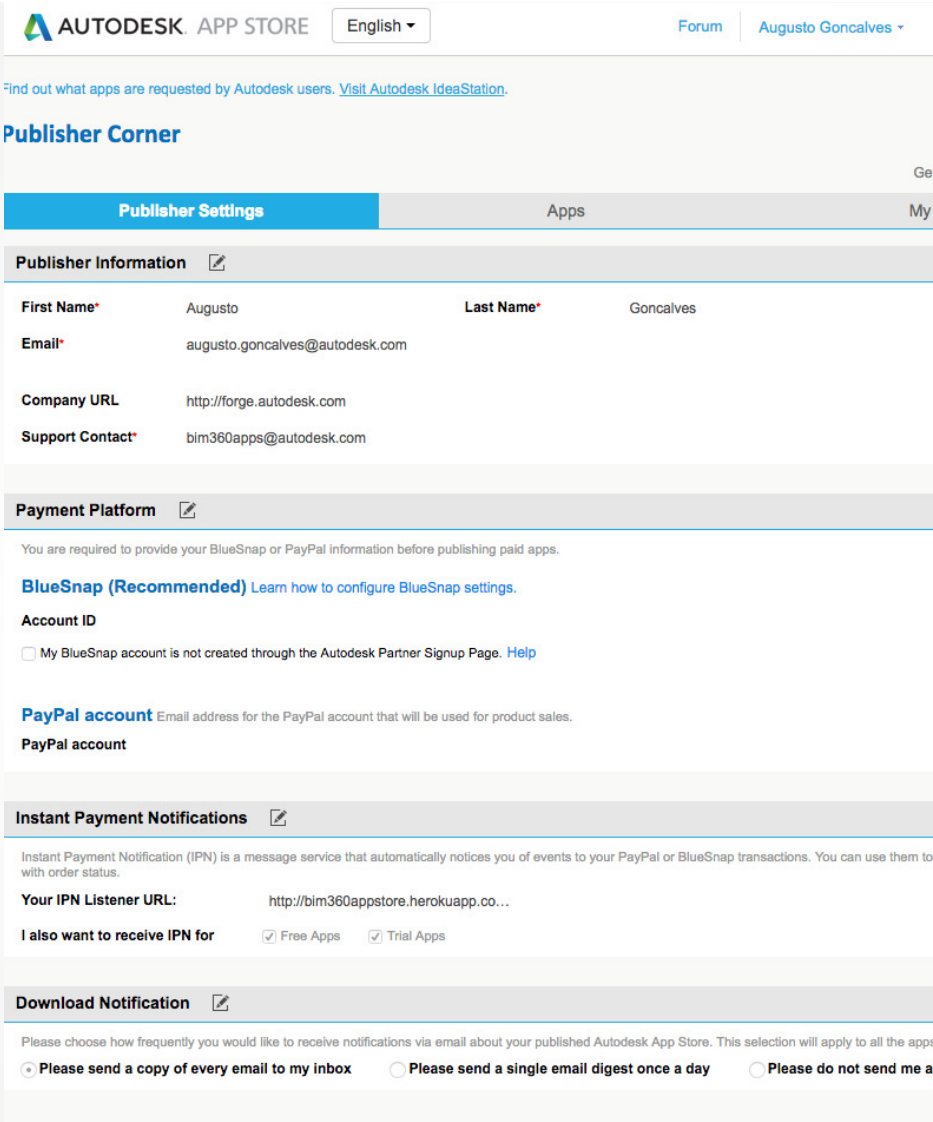
- Use server-side communication with Autodesk
  - Client (JavaScript) calls cause CORS error
- Pay extra attention to data-leaks
  - 3-legged tokens should avoid expose data to wrong user
- DO NOT store access tokens on the client
- Use correct scopes
  - Only require scopes needs for your app
  - For Viewer, use viewables:read or proxy



Submitting the app

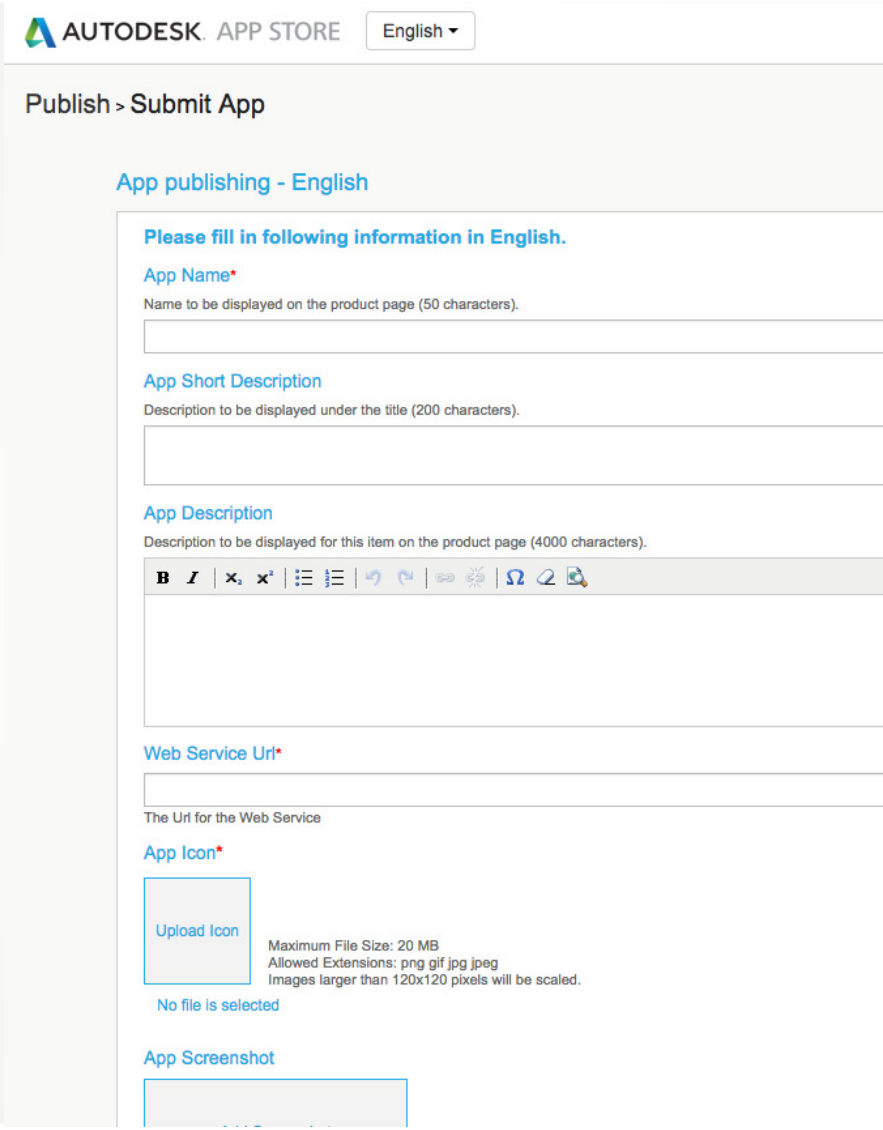
Submitting the app

- Payment
  - Paypal
  - Bluesnap (recommended)
- IPN *(more later)*
  - Notifies when your app is purchased
- Download notification
  - Will receive an email



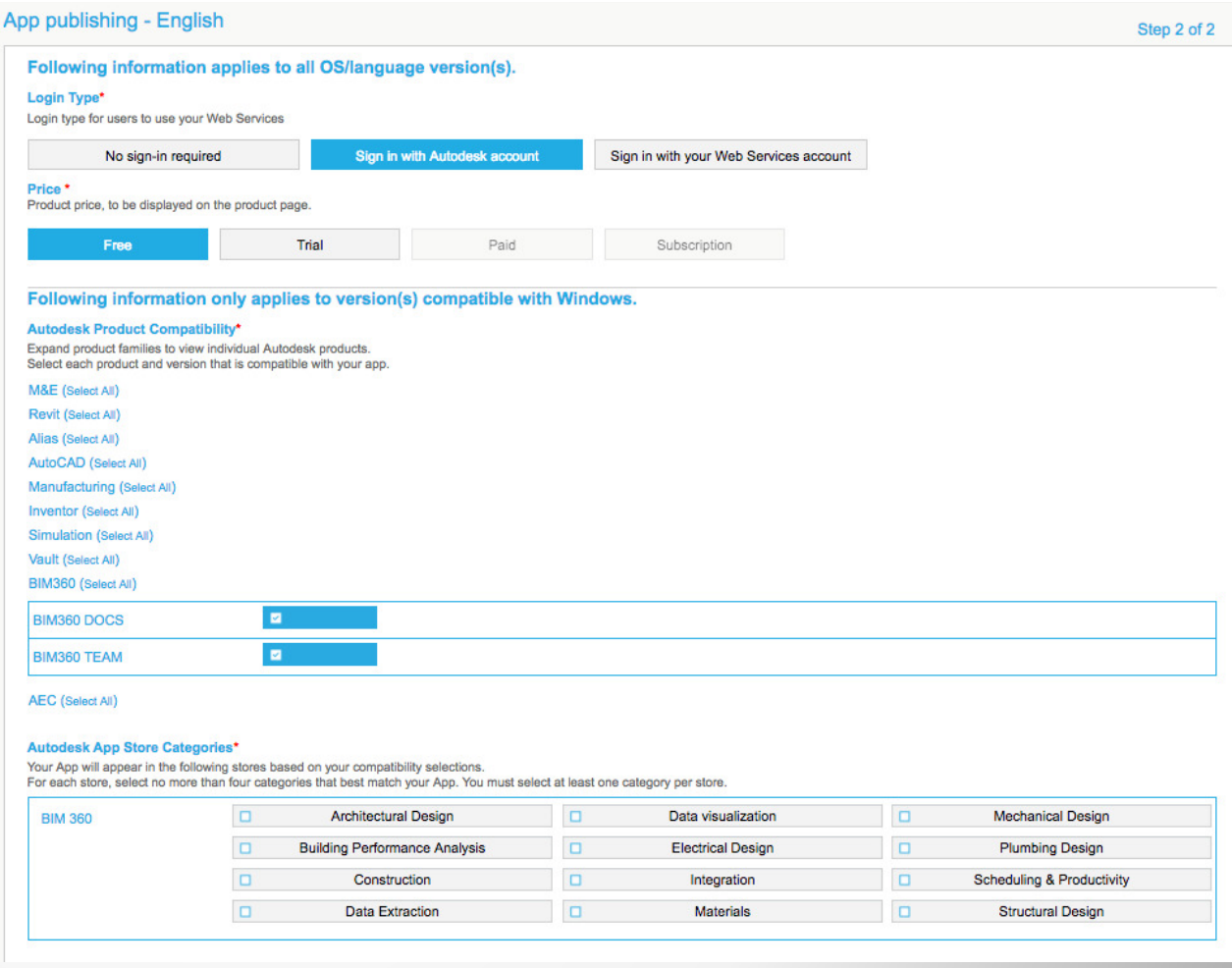
Submitting the app

- App information
- Icons
  - See icon guidelines
- Screenshots and videos



Submitting the app

- Login type
- Price (IPN)
  - Perpetual
  - Subscription
    - Monthly
    - Annual
- Compatibility
  - Test, test, test!
- Categories
  - Suggest new categories, if needed



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IPN

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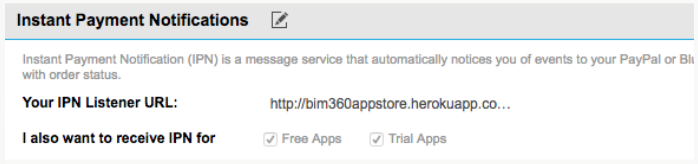
Instant payment notification

- Implement POST endpoint on your app
- Register at your "Publisher Corner" page
  - Should handle all apps



- Subscription
  - Recurrent IPN
- See complete documentation


```
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  txn_id:'QHNDLTW6FRLX6497910211923822799',
  custom:'QHNDLTW6FRLX',
  payment_status:'Completed',
  item_number:'6497910211923822799',
  buyer_adsk_account:'name@email.com',
  payment_gross:'0.00',
  txn_type:'FREE',
  appId:'6497910211923822799',
  appLanguage:'en',
  appOS:'Web'
}
```


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New releases?

- Webapp
  - No action on the app store, update app information (if needed)
- Desktop
  - Just submit new version
  - AppStore will handle deployment (via Autodesk App Manager)

What’s next?

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What's next on BIM 360 Docs

- Soon
  - In product app store
    Account admin will enable/disable apps from inside BIM 360 Docs
    Restricted to a Hub (Account ID)
- Later *(not this year)*
  - iFrame apps
    Similar to Facebook games on iFrames
  - Tab apps
    Your app will show as a tab

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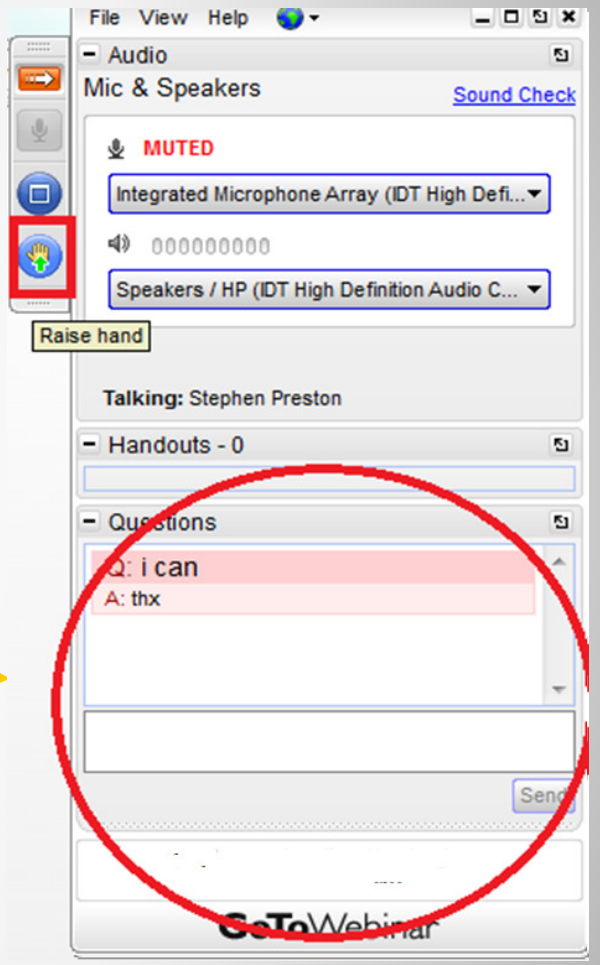

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Thank you!

Happy programming!