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TOTAL INTERVIEW QNAs FOR SPFX WITH PNP JS DEVELOPMENT, CUSTOMIZATION, WORKFLOWS, PLUGINS, HTML,CSS,XML JS & UNIFIED INTERFACE INTEGRATION IN A TABULAR REPRESENTATION WITH ALL FEATURES MENTIONED POINT WISE, BEST PRACTICES, HOW TO OPTIMISE IT, PROS & CONS, WHAT'S LATEST ADVANCEMENTS !!

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Certainly! Let's dive into some key interview questions related to SharePoint Framework (SPFx) development, PnPjs, and related topics. I'll provide concise answers to help you prepare for your interview :

1. What is PnPjs?

- PnPjs is a collection of fluent libraries for consuming SharePoint, Graph, and Office 365 REST APIs. It simplifies API access by allowing you to chain method names together, streamlining code and handling boilerplate tasks like headers, error handling, and throttling.

2. How does PnPjs differ from traditional REST calls?

- PnPjs uses a fluent API approach, allowing you to build REST queries by chaining method names. It handles much of the underlying complexity, making your code cleaner and more efficient.

3. What are the benefits of using PnPjs in SPFx solutions?

- PnPjs simplifies access to SharePoint and Graph APIs.
- It provides automatic handling of headers, error responses, and throttling.
- You can reuse PnPjs outside of SPFx as well.

4. How do you establish context within PnPjs?

- Use the SharePoint or Graph Factory Interface (spfi or graphfi) based on the APIs you want to utilize.

5. What are some common SPFx interview questions?

- Here are a few:
 - What are delegate controls in SharePoint?
 - How does an app for SharePoint request permissions?
 - What's the difference between the WebPart base classes?

Remember to review these topics thoroughly, practice coding scenarios, and showcase your understanding during the interview. Good luck! 😊👍

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INCLUDE PNPJS TOP INTERVIEW QNAS EXPLAINED IN TABULAR BASED COMPARISON WITH ALL FEATURES MENTIONED, PROS & CONS, WHAT'S LATEST ADVANCEMENTS, REAL TIME APPLICATIONS USED !!

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Certainly! Let's delve into a tabular comparison of PnPjs, highlighting its features, pros, cons, latest advancements, and real-world applications:

Aspect	PnPjs
What is it?	PnPjs is a collection of fluent libraries for consuming SharePoint, Graph, and Office 365 REST APIs.
Fluent API	PnPjs uses a fluent API approach, allowing you to chain method names together for cleaner code.
Benefits	- Simplifies API access. - Handles headers, error responses, and throttling automatically. - Reusable outside SPFx.
Context Setup	Use SharePoint or Graph Factory Interface (spfi or graphfi) based on the APIs you need.
Pros	- Streamlined API calls. - Error handling. - Throttling management. - Reusability.
Cons	- Learning curve for beginners. - Limited offline capabilities.
Latest Advancements	PnPjs continues to evolve with improved APIs, better TypeScript support, and community contributions.
Real-world Use Cases	- Custom SPFx web parts. - Automating SharePoint tasks. - Integrating with Power Automate flows.

Remember to explore PnPjs documentation, practice coding scenarios, and showcase your understanding during interviews. Good luck! 😊👍

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LET'S INCLUDE TOP MORE PNP JS INTERVIEW QNAs USED FOR MS TEAMS SPFX WEBPARTS & EXTENSIONS DEVELOPMET AND DEPLOYMENT !!

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Certainly! Let's explore some additional interview questions related to Microsoft Teams SPFx web parts and extensions development and deployment:

1. What are SPFx web parts?

- SPFx (SharePoint Framework) web parts are client-side components that allow you to extend SharePoint pages with custom functionality. They can be added to modern SharePoint pages and are built using web technologies like React, TypeScript, and HTML.

2. How do you create an SPFx web part for Microsoft Teams?

- To create an SPFx web part for Teams, follow these steps:
 - Set up your development environment.
 - Create a new SPFx solution using the Yeoman generator.
 - Choose the "Teams" option when prompted.
 - Implement your web part logic (e.g., fetching data, rendering UI).
 - Package the solution and deploy it to your Teams app catalog.

3. What are SPFx extensions?

- SPFx extensions allow you to customize the SharePoint user experience by adding custom functionality to modern pages. They include application customizers (header/footer), field customizers, and command sets.

4. How can you deploy SPFx extensions to Microsoft Teams?

- To deploy SPFx extensions to Teams:
 1. Package your extension using the `gulp bundle` and `gulp package-solution` commands.
 2. Upload the `.sppkg` file to your Teams app catalog.
 3. Add the extension to your Teams app manifest (e.g., in the `manifest.json` file).
 4. Install the app in Teams to see your extension in action.

5. What are some best practices for SPFx development in Teams?

- Follow these best practices:
 - Use React for web parts and extensions.
 - Leverage the Microsoft Teams JavaScript SDK for Teams-specific functionality.
 - Test your solutions thoroughly in Teams.
 - Optimize performance by minimizing external dependencies.
 - Handle authentication and permissions properly.

Remember to study these topics thoroughly and practice building SPFx solutions for Teams. Good luck with your interviews! 😊👍

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What's the latest advancement in SPFx?

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As of my last knowledge update (which was current until 2021), here are some notable advancements in SharePoint Framework (SPFx):

1. SPFx v1.13.0 Release:

- Improved performance and optimizations.
- New React 17 support.
- Enhanced debugging experience.
- Updated Yeoman generator templates.

2. Microsoft Teams Integration:

- SPFx solutions can now be seamlessly integrated into Microsoft Teams tabs and personal apps.
- Teams-specific APIs and context are available for building collaborative experiences.

3. Modern Page Extensions:

- SPFx extensions (application customizers, field customizers, and command sets) continue to evolve.
- Custom headers, footers, and contextual menus can enhance the user experience.

4. PnPjs Enhancements:

- PnPjs library improvements, including better TypeScript support and additional APIs.
- Streamlined REST API calls for SharePoint and Graph.

Remember to check official Microsoft documentation and community resources for the most up-to-date information. 😊🚀

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What are some real-world use cases for SPFx?

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Certainly! SharePoint Framework (SPFx) has several real-world use cases across different scenarios. Let's explore some of them:

1. Custom Web Parts:

- SPFx web parts allow you to create custom components that can be added to modern SharePoint pages. Real-world examples include:
 - **Project Dashboards:** Display project status, tasks, and timelines.
 - **News Tickers:** Show company news or updates.
 - **Document Libraries:** Customized views for document libraries.

2. Intranet Enhancements:

- SPFx can enhance your intranet experience:
 - **Custom Navigation:** Create dynamic navigation menus.
 - **Employee Directory:** Build a searchable employee directory.
 - **Announcements:** Customized announcement banners.

3. Integration with External Services:

- SPFx allows integration with external APIs and services:
 - **Weather Web Part:** Display weather information based on location.
 - **Stock Tickers:** Real-time stock prices from external sources.

4. Custom Forms and Workflows:

- SPFx can streamline business processes:
 - **Custom Forms:** Replace default SharePoint forms with SPFx forms.
 - **Approval Workflows:** Create custom approval workflows.

5. Data Visualization:

- SPFx web parts can visualize data:
 - **Charts and Graphs:** Display data from lists or external sources.
 - **KPI Tiles:** Key performance indicators for projects or departments.

6. Branding and Theming:

- SPFx extensions can customize the look and feel:
 - **Header/Footer Customizers:** Add branding elements.
 - **Theme Switchers:** Allow users to choose themes.

Remember that SPFx is versatile, and its use cases can vary based on organizational needs. Explore the possibilities and tailor SPFx solutions to your specific requirements! 😊🚀