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JaJuMa

Hyvä PWA

03/2023

www.jajuma.de

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1. Introduction

JaJuMa Hyvä PWA for Magento 2 allows your Magento store to pass the Lighthouse PWA check and makes your Magento eligible for submission to Google Play store.

Please see below for more details and configuration options provided by this extension.

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2. Installation

For installing the extension, follow installation process as with any Magento Extension.

2.1.   Extension Installation via composer

For installing the extension via composer, follow installation process as with any Magento Extension from Magento Marketplace.

See: https://devdocs.magento.com/extensions/install/

2.2.   Manual Extension Installation via FTP

For manual installation by FTP, please follow these steps:

Before Installing

1. We recommend you to duplicate your live store on a staging/test site and try installation on your staging/test site before deploying to your live store
2. Backup Magento files and the store database

Please Note: It's very important to backup all themes and extensions in Magento before installation, especially when you are working on a live server.
We strongly recommend you to do not skip this step.

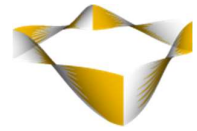**Upload the Extension**

1. Log into your hosting space via a FTP client (e. g. FileZilla, WinSCP, cuteFtp)
2. Create Folder: <magentoroot>/app/code/Jajuma/HyvaPwa
3. Unzip extension package and upload files into: <magentoroot>/app/code/Jajuma/HyvaPwa
4. Enter and run the following commands at the command line:

```
php bin/magento setup:upgrade
php bin/magento setup:static-content:deploy
```

3. Extension Scope

JaJuMa Hyvä PWA allows you to configure and add meta data to your store to qualify as a PWA and be eligible for Google Play Store submission.

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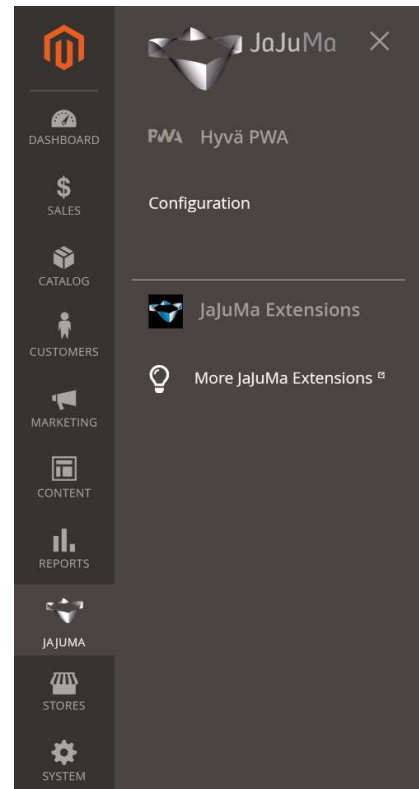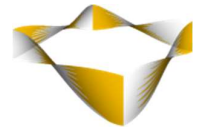# 4. Configuration

In Magento Backend see

JaJuMa -> Hyvä PWA -> Configuration

to enable or disable the extension and
configure the extension.

Extension Information	⌄
General Settings	⌄
Manifest Settings	⌄
Service Worker Setting	⌄

4.1.   General Settings

The general configurations in

JaJuMa -> Hyvä PWA -> Configuration

provide the option to

- Enable/Disable the extension
  and
- Enable/Disable the manifest file for your site

The "Enable" dropdown allows you to enable / disable the Hyvä PWA extension:

- Yes → Hyvä PWA is enabled
- No → Hyvä PWA is disabled

The "Enable Manifest" dropdown allows you to enable / disable the Manifest file:

- Yes → Manifest is enabled
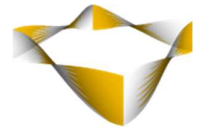- No → Manifest is disabled

www.jajuma.de

4.2.   Manifest Settings

The Manifest Settings in

JaJuMa -> Hyvä PWA -> Configuration -> Manifest Settings

provide options to configure the meta data for your PWA:

- **Short Name:**
  Name of the web application displayed to the user if there is not enough space to display name (e.g., as a label for an icon on the phone home screen). Example: "Awesome App"
- **Name:**
  Name of the web application as it is usually displayed to the user. Example: "Awesome Application"
- **Description:**
  Description of the web application. Example: "The Most Awesome Application You Will Ever See."
- **Start URL:**
  The URL that should be loaded when the user launches the web application. Example: "https://www.jajuma.de"
- **Theme Color:**
  The theme color of the web application used as background color to customise the look of the browser when launching from the home screen shortcut. In hex format, e.g. #00A7E8.
- **Background Color:**
  The color used as background color of the web application when launching from the home screen shortcut. In hex format, e.g. #1b478a.
- **Display Type:**
  The display mode changes how much of browser UI is shown to the user when launched from the home screen shortcut.
  - Minimal UI: The application will look and feel like a standalone application, but will have a minimal set of UI elements for controlling navigation. The elements will vary by browser.
  - Standalone App: The application will look and feel like a standalone application. This can include the application having a different window, its own icon in the application launcher, etc. In this mode, the user agent will exclude UI elements for controlling navigation, but can include other UI elements such as a status bar.

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      o   <u>Fullscreen App</u>: All of the available display area is used and no user agent chrome is shown.

- **Screen Orientation:**
  Choose whether the site launches in portrait or landscape mode when launched from the home screen shortcut.

- **App Icon:**
  Image file that serves as application icon, e. g. for splash screen and home screen shortcut. Allowed file types: jpg, jpeg, png, gif.
  Note: It is recommended to make sure your icon is "maskable" / looks good when masked. You may check your icon e. g. here: https://maskable.app/

- **App Icon Sizes:**
  A comma separated list of sizes to allow showing the icon at.
  Must include 192px and 512px.

Manifest Settings

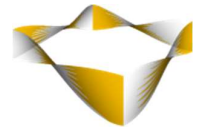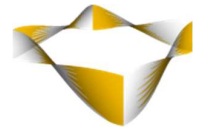|	
Short Name [store view]	Hyvä PWA
	Name of the web application displayed to the user if there is not enough space to display name (e.g., as a label for an icon on the phone home screen). Example: "Awesome App"
Name [store view]	Awesome Hyvä PWA by JaJuMa
	Name of the web application as it is usually displayed to the user. Example: "Awesome Application"
Description [store view]	Finally, a REALLY fast PWA!
	Description of the web application. Example: "The Most Awesome Application You Will Ever See."
Start URL [store view]	https://hyva.extension.jajuma.de/
	The URL that should be loaded when the user launches the web application. Example: "https://www.jajuma.de"
Theme Color [store view]	#FFE9A3
	The theme color of the web application used as background color to customise the look of the browser when launching from the home screen shortcut. In hex format, e.g. #00A7E8.
Background Color [store view]	#FFF5D5
	The color used as background color of the web application when launching from the home screen shortcut. In hex format, e.g. #1b478a.
Display Type [store view]	Standalone App
	The display mode changes how much of browser UI is shown to the user when launched from the home screen shortcut. **Minimal UI:** The application will look and feel like a standalone application, but will have a minimal set of UI elements for controlling navigation. The elements will vary by browser. **Standalone App:** The application will look and feel like a standalone application. This can include the application having a different window, its own icon in the application launcher, etc. In this mode, the user agent will exclude UI elements for controlling navigation, but can include other UI elements such as a status bar. **Fullscreen App:** All of the available display area is used and no user agent chrome is shown.
Screen Orientation [store view]	Any
	Choose whether the site launches in portrait or landscape mode when launched from the home screen shortcut.
App Icon [store view]	Choose File No file chosen ☐ Delete Image
	Image file that serves as application icon, e. g. for splash screen and home screen shortcut. Allowed file types: jpg, jpeg, png, gif.
App Icon Sizes [store view]	192x192,256x256,512x512
	A space separated list of sizes to allow showing the icon at. Must include 192px and 512px.

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4.3.　　　Service Worker Settings

The Service Worker Settings in

JaJuMa -> Hyvä PWA -> Configuration -> Service Worker Settings
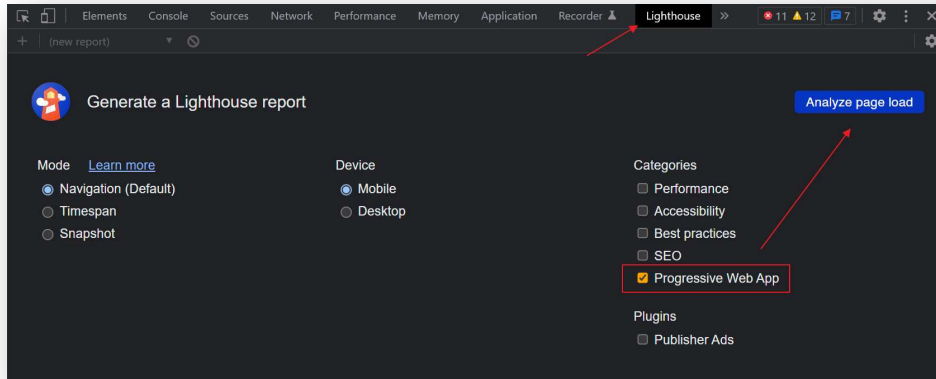
provides the option to Enable/Disable the Service Worker:

- Yes → Service Worker is enabled
- No → Service Worker is disabled

Service Worker Setting
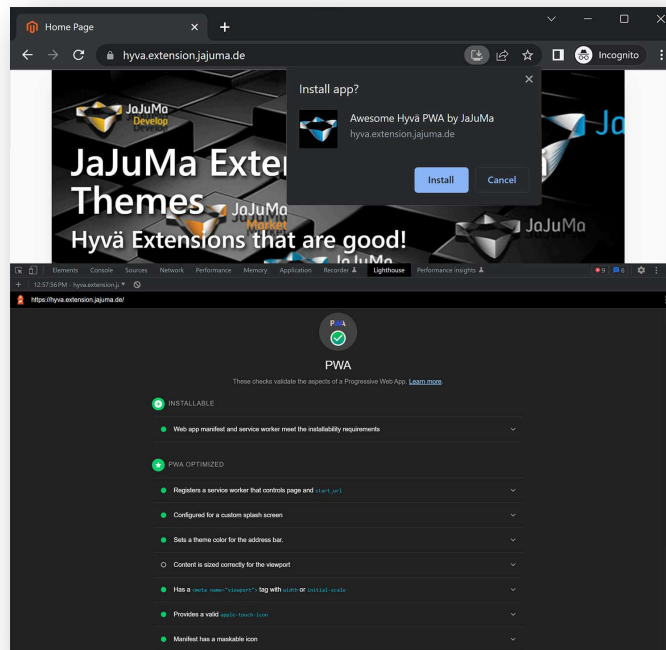
Enable
[store view]　　Yes

5. Testing Your PWA

For testing your configs please use the Lighthouse tool in Chrome developer tools:

If everything was configured correctly, the result will show a "pass" for "Installable" and "PWA optimized":
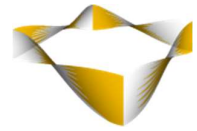
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6. Submit Your PWA to Google Play

Follow the steps as described here:

https://docs.pwabuilder.com/#/builder/android

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7. Support

Please feel free to contact JaJuMa support team via support@jajuma.de.
In case any additional information is required. We'd be more than happy to assist in setting up the extension.