

Smart Hub Preview

This topic describes how you can use Smart Hub Preview to show deep links to application content in the Smart Hub launcher.

The Smart Hub Preview feature allows you to show content when the user hovers over your application icon in the launcher. The user can click the preview tile to open the content directly within the application. You can use the preview to promote new or personalized content to the user.

All Samsung TVs from 2016 through 2021 support Smart Hub Preview. It is also supported on the TV emulator since Tizen TV Extension 2.3.1.



Figure 1. Preview panel

There are 2 kinds of previews. You can select 1 of them for your application:

- [Public preview](#) shows the same preview content to all users. The preview content is defined by a remotely-hosted JSON file. You can configure the JSON file to expire and refresh at a specific time.
- [Personal preview](#) shows preview content personalized for the user. The preview content is defined by a JSON file managed by a background service application running on the TV.

You can implement the preview to suit the content of the application. For example:

- A video application can have sections for "Popular videos", "Resume playing", and "My playlists"



Recommendation

Blog

Code Lab

Foldable and Large Screen Optimization

Galaxy Emulator Skin

Health

One UI Beta

Samsung Wallet

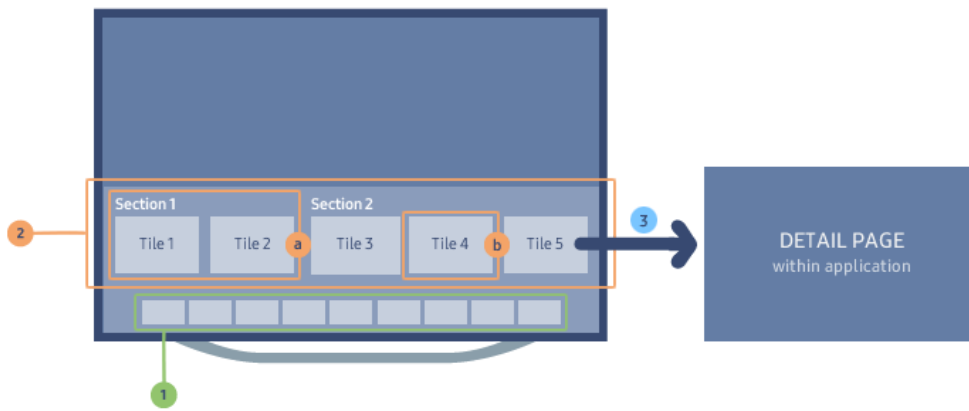


Figure 2. Preview parts

1. The launcher contains icons for quick access to common functions and applications.
2. When the user hovers over the application icon in the launcher, the preview panel is shown.
 1. The preview panel can have multiple sections.
 2. Each section can have multiple tiles.
3. Each tile deep-links directly to content within an application. When the user clicks a tile, the application opens to the deep-linked content.

Preview Content Policy

The Samsung Apps TV policy defines requirements for the content shown in Smart Hub Preview. You can use the preview to:

- Link directly to media content, such as movies and music.
- Link directly to detail pages in an application, such as an episode list.
- Link to an authentication or account login screen.

In addition, the personal preview can be used to:

- Link to personalized content, if the application is login-based.
- Link to the user's recently played content in the application.

Important

The preview must not be used to display third-party advertising or to advertise application features or capabilities.

Content shown in Smart Hub Preview belongs to the application and is the responsibility of the content provider.

Section Element Specifications



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Figure 3. Section element with a section title

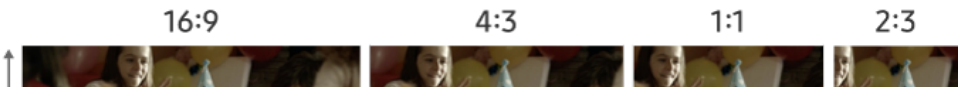
Tile Element Specifications

The following table defines the tile element requirements.

Category	Requirement
Number of tiles	Maximum 40 tiles
Deep-link URL	URL must be unique
Thumbnail image	Mandatory
Format	PNG or JPG
File size	Maximum 360 KB
Height	250 px Taller images are reduced to 250 px.
Aspect ratio	Allowed ratios (Resolutions): 16:9 (444x250 px ~ 640x360 px) 4:3 (333x250 px ~ 480x360 px) 1:1 (250x250 px ~ 360x360 px) 2:3 (167x250 px ~ 240x360 px)
Content	Image must be appropriate for viewers of all ages.

Table 2. Tile requirements

The following figure shows the allowed thumbnail image aspect ratios.



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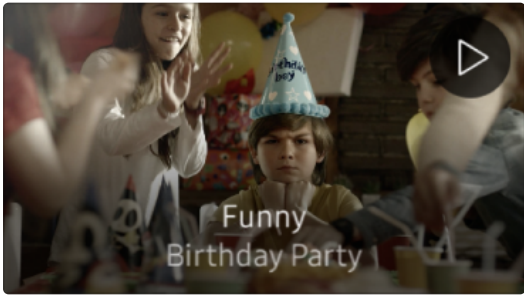


Figure 5. Tile with optional elements

Deep-link Return Key Policy

After the user enters the application through a deep link, the “Return/Exit” key click must be implemented to perform the following actions:

- From a detail page within an application, clicking the “Return/Exit” key must display the previous page in the application.
- From the home page of an application, clicking the “Return/Exit” key must terminate the application without any confirmation popup. The user is returned to Smart Hub Preview.

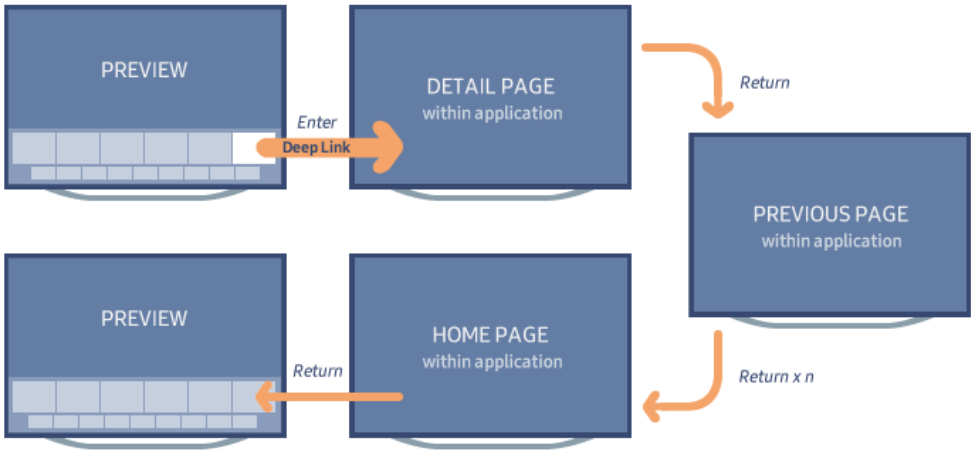


Figure 6. Deep-link return key policy

Quick Link

▼

Family Site

▼

Legal

▼

Social Communications

▼

System Status

Site Map