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[Edit page \(https://github.com/aseprite/docs/edit/main/sprite-sheet.md\)](https://github.com/aseprite/docs/edit/main/sprite-sheet.md)

Sprite sheets

A sprite sheet is one big image with several frames of the same sprite on it. For example, you can save this animation:



Like an horizontal sprite sheet:



A vertical one:



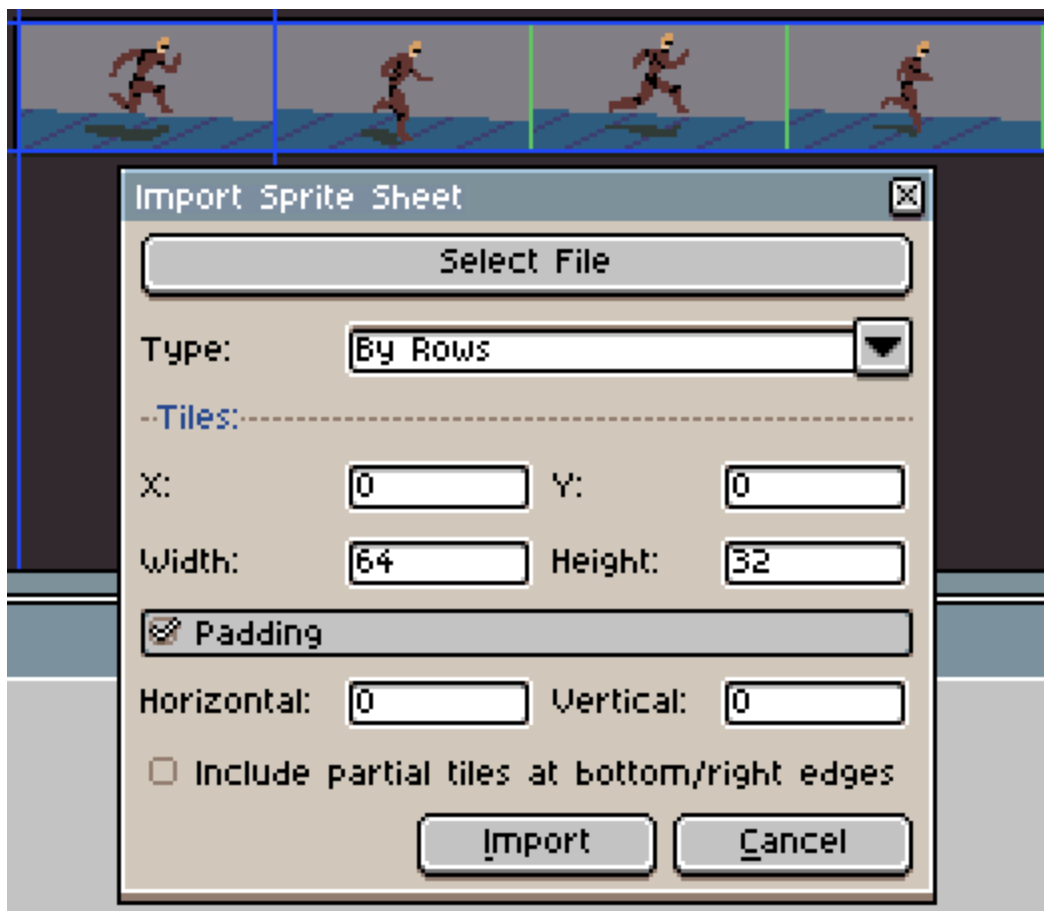
Or a matrix:



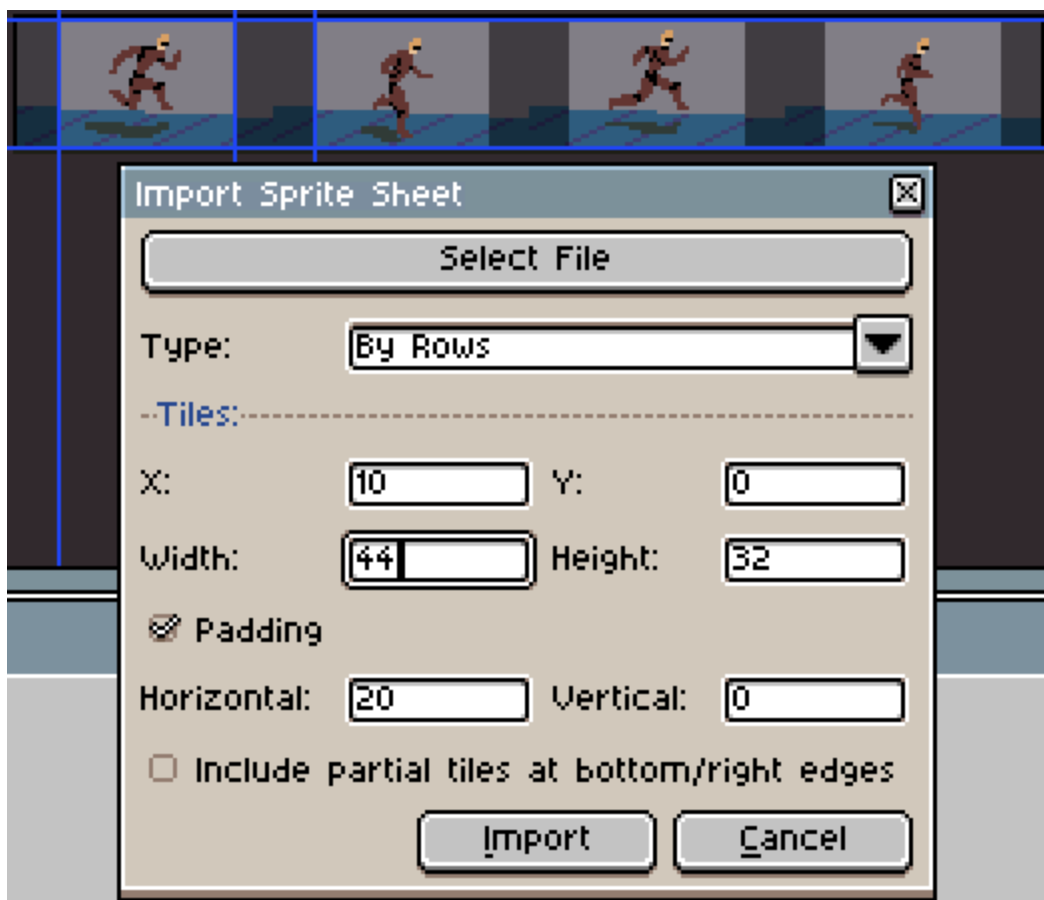
In the following section you will know how to export and import this kind of images into Aseprite.

Import

To import a sprite sheet use *File > Import Sprite Sheet* option. Then you can select the file to import with an assigned offset *x* , *y* and sprite *width* , *height* .

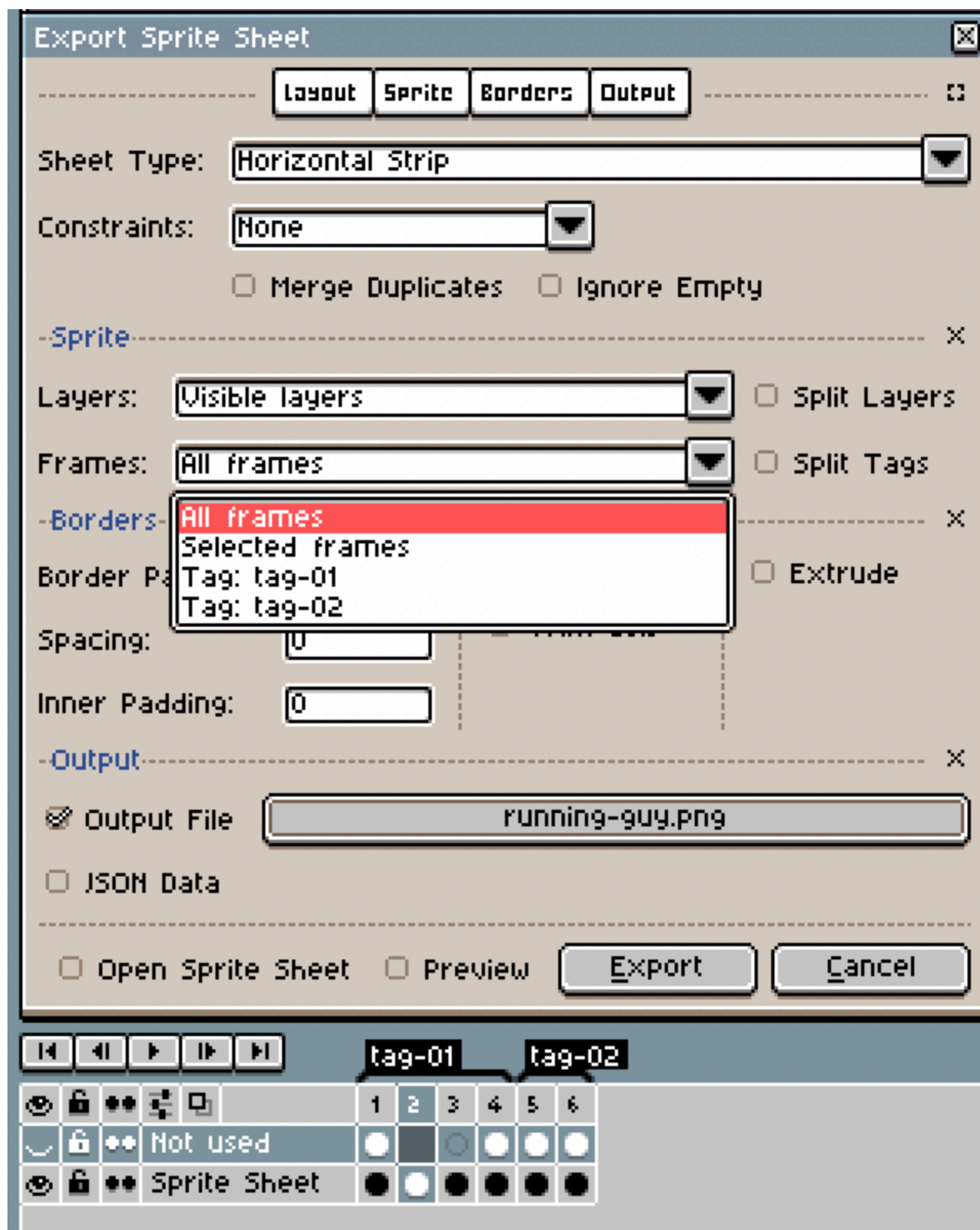


Padding is available if there are gaps between sprites, and the sheet type will affect the order of the sprites taken in.



Export

To export a sprite sheet use *File > Export Sprite Sheet* option. You can select all visible layers or a certain layer, and select the frames based on tags.



Automate from Command Line

(Work-in-progress)

Texture Atlases

A texture atlas is an huge image with all the graphics, sprites and images that a game will use. It's called "texture" because the image can be loaded into the video memory, to render graphics on screen with hardware acceleration.

Links

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Known Issues

(<https://github.com/aseprite/aseprite/issues>)

Bug Report

(<https://github.com/aseprite/aseprite/issues/new>)

Contributors (/contributors/)

Donations (/donate/)

Community

 Aseprite Community

(<https://community.aseprite.org/>)

 Discord Server (<https://discord.gg/Yb2CeX8>)

 Steam Community

(<https://steamcommunity.com/app/431730>)

 /r/aseprite (<https://www.reddit.com/r/aseprite/>)

Documentation

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Blog (<http://blog.aseprite.org/>)

Development

 GitHub (<https://github.com/aseprite/aseprite/>)

Devblog (<https://dev.aseprite.org/>)


Roadmap (/roadmap/)

Contribute


(<https://github.com/aseprite/aseprite/blob/master/CONTRIBUTING.md>)

Social

 Twitter (<https://twitter.com/aseprite/>)

 Mastodon (<https://mastodon.art/@aseprite>)

 Facebook (<https://www.facebook.com/aseprite>)

 YouTube (<https://www.youtube.com/user/aseprite>)

📷 Instagram (<https://www.instagram.com/aseprite/>)

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