

This example shows the usage of the asset module type with asset generator options customization.

Files can be imported similar to other modules without file-loader or url-loader.

example.js

```
import svg from "./images/file.svg";

const container = document.createElement("div");
Object.assign(container.style, {
  display: "flex",
  justifyContent: "center"
});
document.body.appendChild(container);

function createImageElement(title, src) {
  const div = document.createElement("div");
  div.style.textAlign = "center";

  const h2 = document.createElement("h2");
  h2.textContent = title;
  div.appendChild(h2);

  const img = document.createElement("img");
  img.setAttribute("src", src);
  img.setAttribute("width", "150");
  div.appendChild(img);

  container.appendChild(div);
}

[svg].forEach(src => {
  createImageElement(src.split(".").pop(), src);
});
```

webpack.config.js

```
const svgToMiniDataURI = require("mini-svg-data-uri");

module.exports = {
  output: {
    assetModuleFilename: "images/[hash][ext]"
  },
  module: {
```

```

      rules: [
        {
          test: /\. (png|jpg)$/,
          type: "asset"
        },
        {
          test: /\.svg$/,
          type: "asset",
          generator: {
            dataUrl: content => {
              if (typeof content !== "string") {
                content = content.toString();
              }

              return svgToMiniDataURI(content);
            }
          }
        }
      ]
    }
  };

```

js/output.js

```

/*****/ (() => { // webpackBootstrap
/*****/   "use strict";
/*****/   var __webpack_modules__ = ([
/* 0 */,
/* 1 */
/*!*****!*\
  !*** ./images/file.svg ***!
  \*****/
/*! default exports */
/*! exports [not provided] [no usage info] */
/*! runtime requirements: module */
/***/ ((module) => {

module.exports = "data:image/svg+xml,%3csvg xmlns='http://www.w3.or...3c/svg%3e";

/***/ })
/*****/   ]);

/* webpack runtime code */

/*****/
/*****/   // The module cache

```

```

/*****/    var __webpack_module_cache__ = {};
/*****/
/*****/    // The require function
/*****/    function __webpack_require__(moduleId) {
/*****/        // Check if module is in cache
/*****/        var cachedModule = __webpack_module_cache__[moduleId];
/*****/        if (cachedModule !== undefined) {
/*****/            return cachedModule.exports;
/*****/        }
/*****/        // Create a new module (and put it into the cache)
/*****/        var module = __webpack_module_cache__[moduleId] = {
/*****/            // no module.id needed
/*****/            // no module.loaded needed
/*****/            exports: {}
/*****/        };
/*****/
/*****/        // Execute the module function
/*****/        __webpack_modules__[moduleId](module, module.exports, __webpack_require__);
/*****/
/*****/        // Return the exports of the module
/*****/        return module.exports;
/*****/    }
/*****/
/*****/    /** webpack/runtime/make namespace object */
/*****/    (() => {
/*****/        // define __esModule on exports
/*****/        __webpack_require__.r = (exports) => {
/*****/            if(typeof Symbol !== 'undefined' && Symbol.toStringTag) {
/*****/                Object.defineProperty(exports, Symbol.toStringTag, { value: 'Module'
/*****/            }
/*****/            Object.defineProperty(exports, '__esModule', { value: true });
/*****/        };
/*****/    })();
/*****/
/*****/
/*****/    var __webpack_exports__ = {};
/*****/    // This entry need to be wrapped in an IIFE because it need to be isolated against other mo
/*****/    (() => {
/*****/        /*!*****!\
/*****/        !*** ./example.js ***!
/*****/        \*****\
/*****/        /*! namespace exports */
/*****/        /*! exports [not provided] [no usage info] */
/*****/        /*! runtime requirements: __webpack_require__, __webpack_require__.r, __webpack_exports__,

```

```

__webpack_require___.r(__webpack_exports__);
/* harmony import */ var _images_file_svg__WEBPACK_IMPORTED_MODULE_0__ = __webpack_require_

const container = document.createElement("div");
Object.assign(container.style, {
  display: "flex",
  justifyContent: "center"
});
document.body.appendChild(container);

function createImageElement(title, src) {
  const div = document.createElement("div");
  div.style.textAlign = "center";

  const h2 = document.createElement("h2");
  h2.textContent = title;
  div.appendChild(h2);

  const img = document.createElement("img");
  img.setAttribute("src", src);
  img.setAttribute("width", "150");
  div.appendChild(img);

  container.appendChild(div);
}

[_images_file_svg__WEBPACK_IMPORTED_MODULE_0__].forEach(src => {
  createImageElement(src.split(".").pop(), src);
});

})();

/*****/ }>()
;

```

Info

webpack output

```

asset output.js 3.81 KiB [emitted] (name: main)
chunk (runtime: main) output.js (main) 1.54 KiB (javascript) 274 bytes (runtime) [entry] [r
  > ./example.js main
    dependent modules 915 bytes [dependent] 1 module
    runtime modules 274 bytes 1 module

```

```
./example.js 658 bytes [built] [code generated]
  [no exports]
  [used exports unknown]
  entry ./example.js main
webpack 5.51.1 compiled successfully
```