

How to convert images to PDF from urls (node for image to PDF API in JavaScript using PDF.co Web API)

How to convert images to PDF from urls (node for image to PDF API in JavaScript: How To Tutorial)

Every ByteScout tool contains example JavaScript source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API was made to help with image to PDF API in JavaScript. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

JavaScript code samples for JavaScript developers help to speed up the application's code writing when using PDF.co Web API. Sample code in JavaScript is all you need. Copy-paste it to your the code editor, then add a reference to PDF.co Web API and you are ready to try it! Further enhancement of the code will make it more vigorous.

Trial version of ByteScout is available for free download from our website. This and other source code samples for JavaScript and other programming languages are available.

JavaScript - ConvertImagesToPdfFromUrls.js

```
var https = require("https");
var path = require("path");
var fs = require("fs");

// The authentication key (API Key).
// Get your own by registering at https://app.pdf.co/documentation/api
const API_KEY = "*****";

// Direct URLs of image files to convert to PDF document
const SourceFiles = [
  "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image-to-pdf/image1.png",
  "https://bytescout-com.s3.amazonaws.com/files/demo-files/cloud-api/image-to-pdf/image2.jpg"
];
// Destination PDF file name
const DestinationFile = "./result.pdf";

// Prepare request to `Image To PDF` API endpoint
var queryPath = `/v1/pdf/convert/from/image?
```

```

name=${path.basename(DestinationFile)}&url=${SourceFiles.join(",")}&async=True`;
var reqOptions = {
  host: "api.pdf.co",
  path: encodeURI(queryPath),
  headers: {
    "x-api-key": API_KEY
  }
};
// Send request
https.get(reqOptions, (response) => {
  response.on("data", (d) => {
    // Parse JSON response
    var data = JSON.parse(d);

    if (data.error == false) {
      console.log(`Job #${data.jobId} has been created!`);
      checkIfJobIsCompleted(data.jobId, data.url);
    }
    else {
      // Service reported error
      console.log(data.message);
    }
  });
}).on("error", (e) => {
  // Request error
  console.log(e);
});

function checkIfJobIsCompleted(jobId, resultFileUrl) {
  let queryPath = `/v1/job/check?jobid=${jobId}`;
  let reqOptions = {
    host: "api.pdf.co",
    path: encodeURI(queryPath),
    method: "GET",
    headers: { "x-api-key": API_KEY }
  };

  https.get(reqOptions, (response) => {
    response.on("data", (d) => {
      response.setEncoding("utf8");

      // Parse JSON response
      let data = JSON.parse(d);
      console.log(`Checking Job #${jobId}, Status: ${data.status}, Time: ${new
Date().toLocaleString()}`);

      if (data.status == "working") {
        // Check again after 3 seconds
        setTimeout(function(){ checkIfJobIsCompleted(jobId,
resultFileUrl);}, 3000);
      }
      else if (data.status == "success") {
        // Download PDF file
        var file = fs.createWriteStream(DestinationFile);
        https.get(resultFileUrl, (response2) => {
          response2.pipe(file)
            .on("close", () => {
              console.log(`Generated PDF file saved as
"${DestinationFile}" file.`);
            });
        });
      }
    });
  });
}

```

```
        });
    });
}
else {
    console.log(`Operation ended with status: "${data.status}".`);
}
});
}
```

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