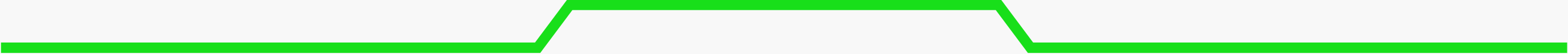



PROYECTO

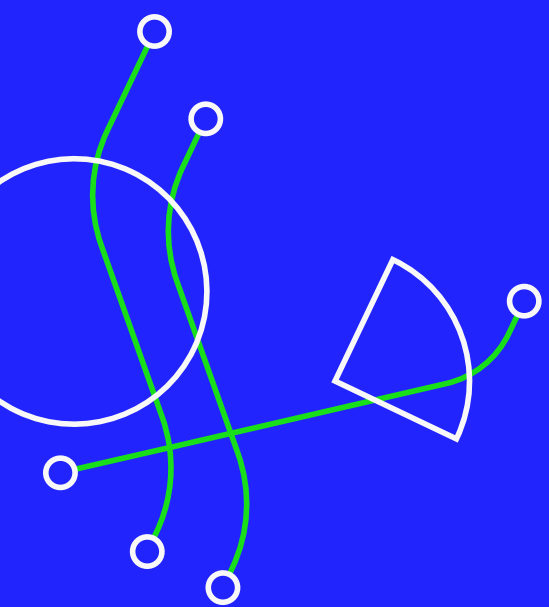
INFORMÁTICA

APLICADA

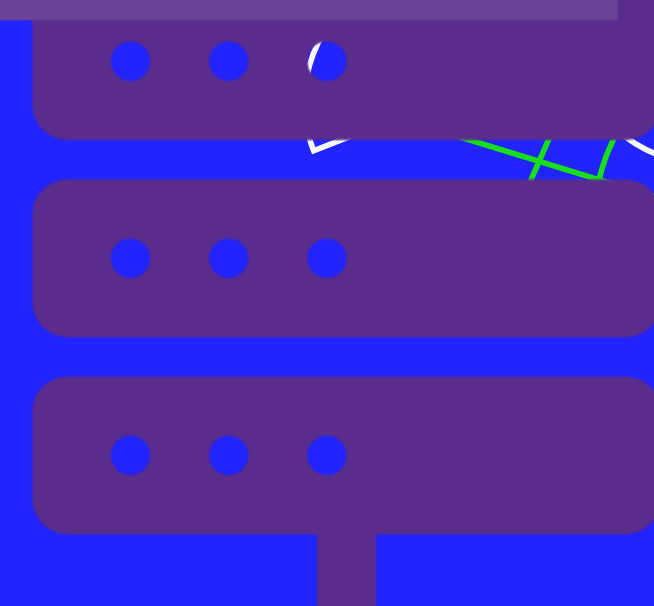


The design features a central text area flanked by two identical decorative elements. Each element consists of a green grid with a 4x4 blue square in the center. The overall layout is symmetrical and uses a color palette of green, blue, and black on a white background.

ANGEL BARBOZA - GABRIEL MOYA - PABLO RAMÍREZ



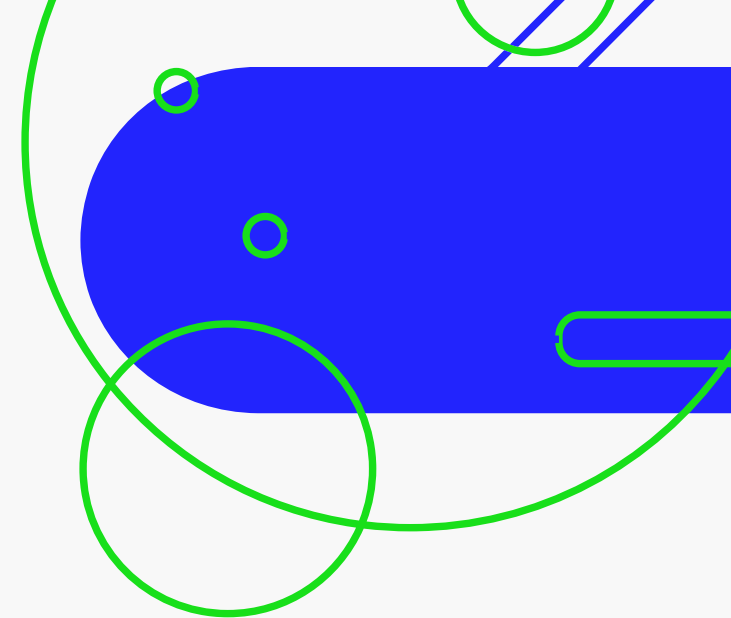
Hangfire



SERVIDOR EN HANGFIRE PARA ENCOLAR TAREAS



Flujo de ejecución



Se recibe la solicitud con los parametros requeridos



Se validan los paramétros



Se genera un log.txt con serilog para el estado

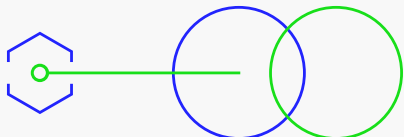


Se envia solicitud http al servicio deseado(en este caso el de pdf)



Se encola la tarea con hangfire





localhost:5100/hangfire/jobs/scheduled

Hangfire Dashboard

En la cola0 / 0

Programadas1

Procesando0

Completadas13

Con errores0

Eliminado4

En espera0

Tareas programadas

Poner en la cola ahora

Eliminar seleccionados

102050100500

<input type="checkbox"/>	Id	Poner en la cola	Tarea	Programadas
<input type="checkbox"/>	#18	en unos segundos	ISendPdfEndpointService.SendToPdfEndpoint	hace unos segundos

Total elementos: 1

Hangfire 1.8.21

SQL Server: DESKTOP-BH6 I5K8@AdventureWorks2022 1.8.21

localhost:5100/swagger/index.html

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:5100/api/reports' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "CustomerId": 29488,
    "StartDate": "2011-05-31T00:00:00",
    "EndDate": "2013-05-30T00:00:00",
    "delayMinutes":1
  }'
```

Request URL

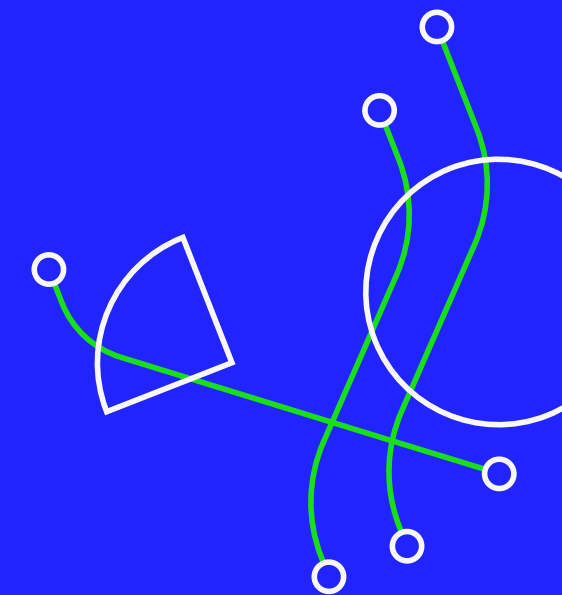
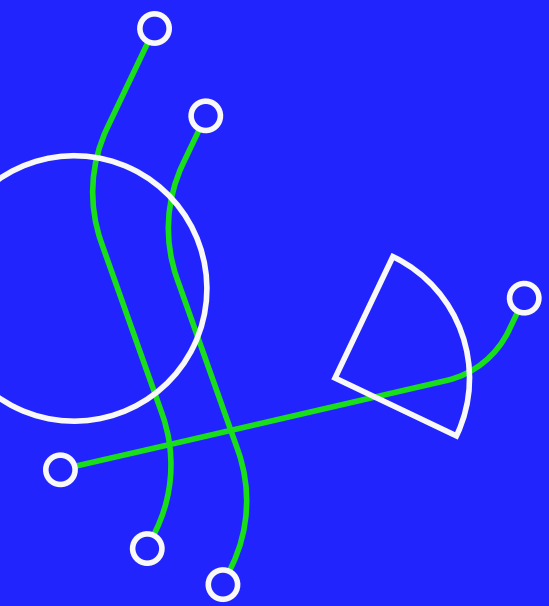
http://localhost:5100/api/reports

Server response

Code	Details
202 <i>Undocumented</i>	<div><div>Response body</div><div><pre>{ "correlationId": "f38f00ba-3bc2-4d40-af6c-e75b4e88dd37", "scheduledInMinutes": 1 }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Wed, 24 Sep 2025 17:10:35 GMT server: Kestrel transfer-encoding: chunked</pre></div></div>

Responses

Code	Description	Links
200	OK	No links

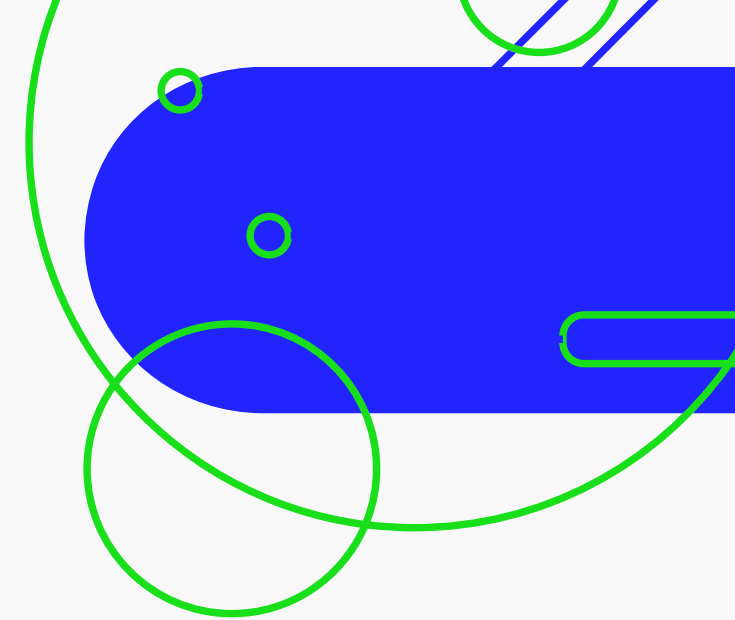


SERVIDOR GENERADOR DE PDF





Flujo de ejecución



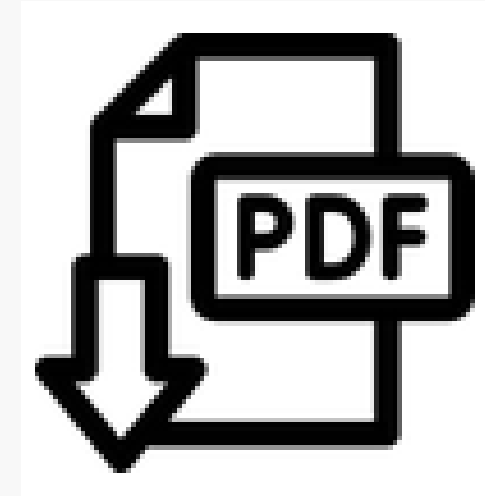
Se recibe solicitud
con los datos



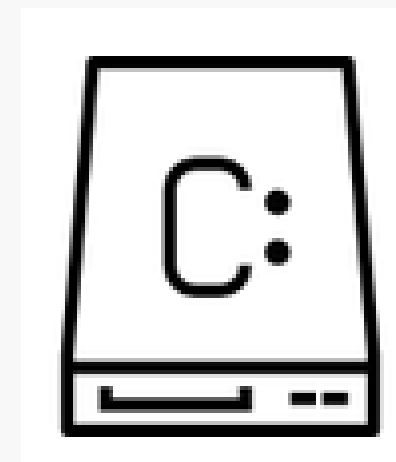
Se buscan la
información en la BD



Se Genera el PDF

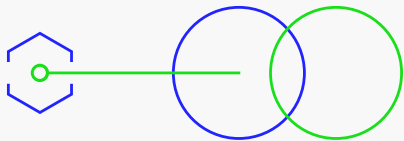


Se almacena en
local



Se genera un Log
en un .TXT





Swagger UI

localhost:5053/swagger/index.html

Curl

```
curl -X 'GET' \
'http://localhost:5053/api/Orders/GeneratePdf/29672' \
-H 'accept: */*'
```

Request URL

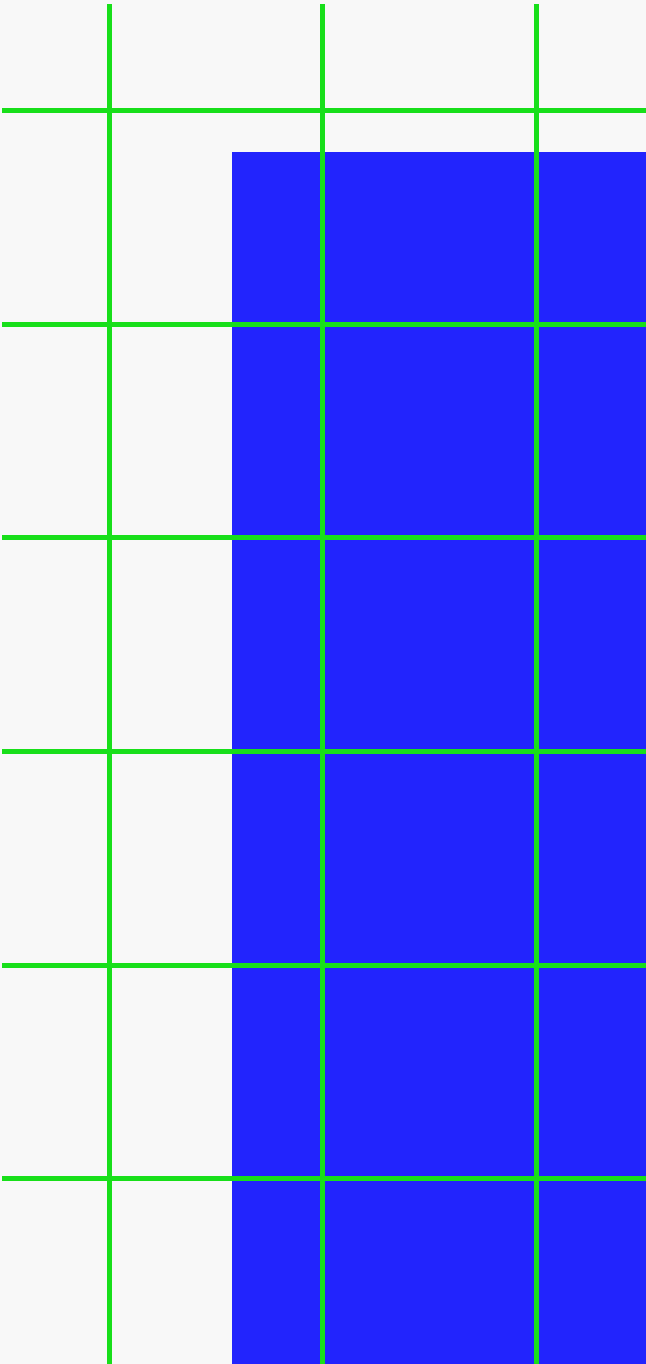
```
http://localhost:5053/api/Orders/GeneratePdf/29672
```

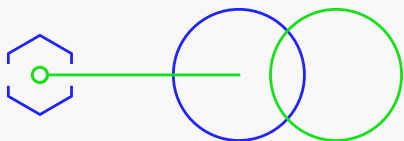
Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "message": "PDF generado correctamente", "filePath": "wwwroot\\reports\\2025-09-21\\Orders_29672_231635.pdf" }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>content-type: application/json; charset=utf-8 date: Mon, 22 Sep 2025 05:16:34 GMT server: Kestrel transfer-encoding: chunked</pre></div></div>

Responses

Code	Description	Links
200	OK	No links





EJEMPLOS

wwwroot

reports

2025-09-21

Orders_29672_231635.pdf

Orders_29825_230401.pdf

Orders_29825_233740.pdf

2025-09-22

Orders_27645_194819.pdf

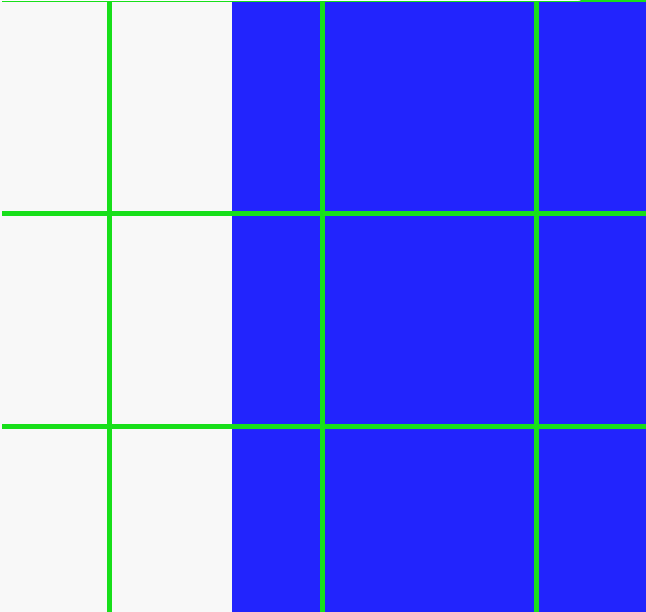
Orders_29489_194214.pdf

Orders_30052_080637.pdf

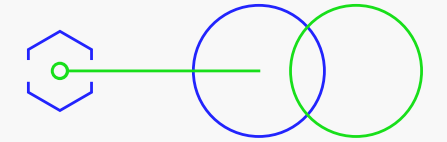
Orders_30067_155048.pdf

2025-09-23

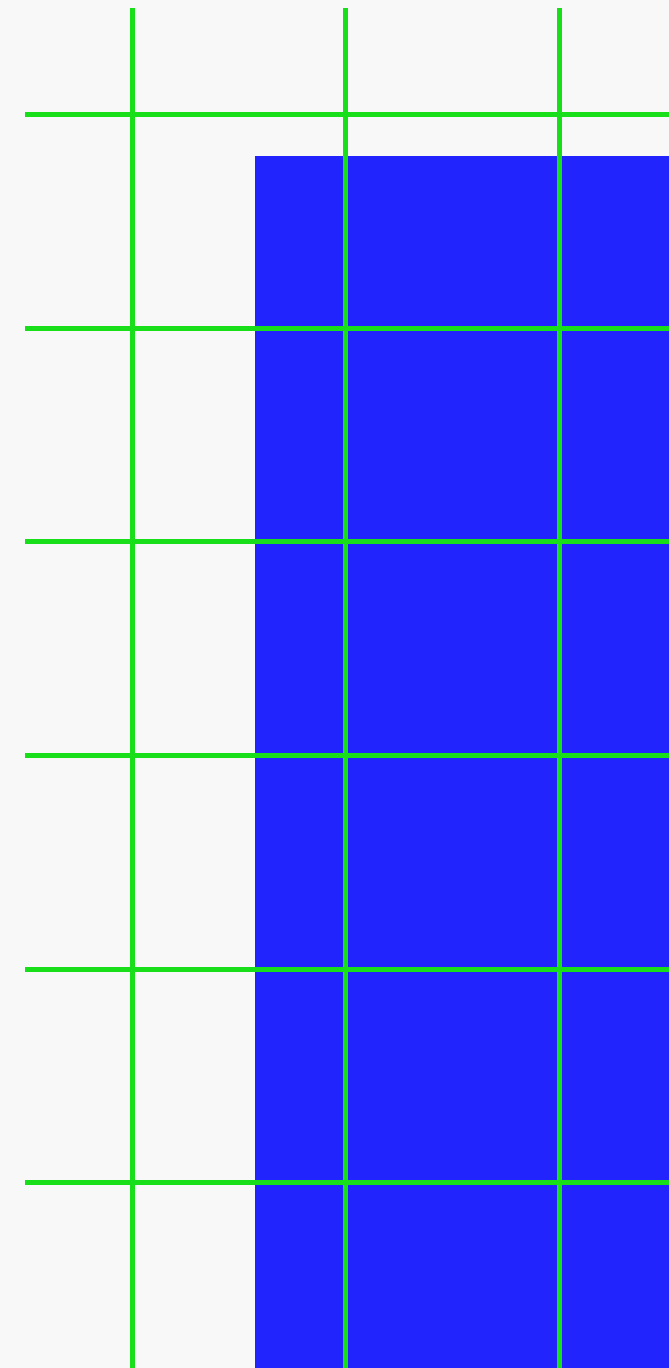
Reporte de Órdenes del Cliente 30052			
#	Orden ID	Fecha	Total
1	43666	2011-05-31	€5 694,86
2	44286	2011-08-31	€6 236,36
3	45044	2011-12-01	€5 695,15
4	45784	2012-02-29	€4 237,53

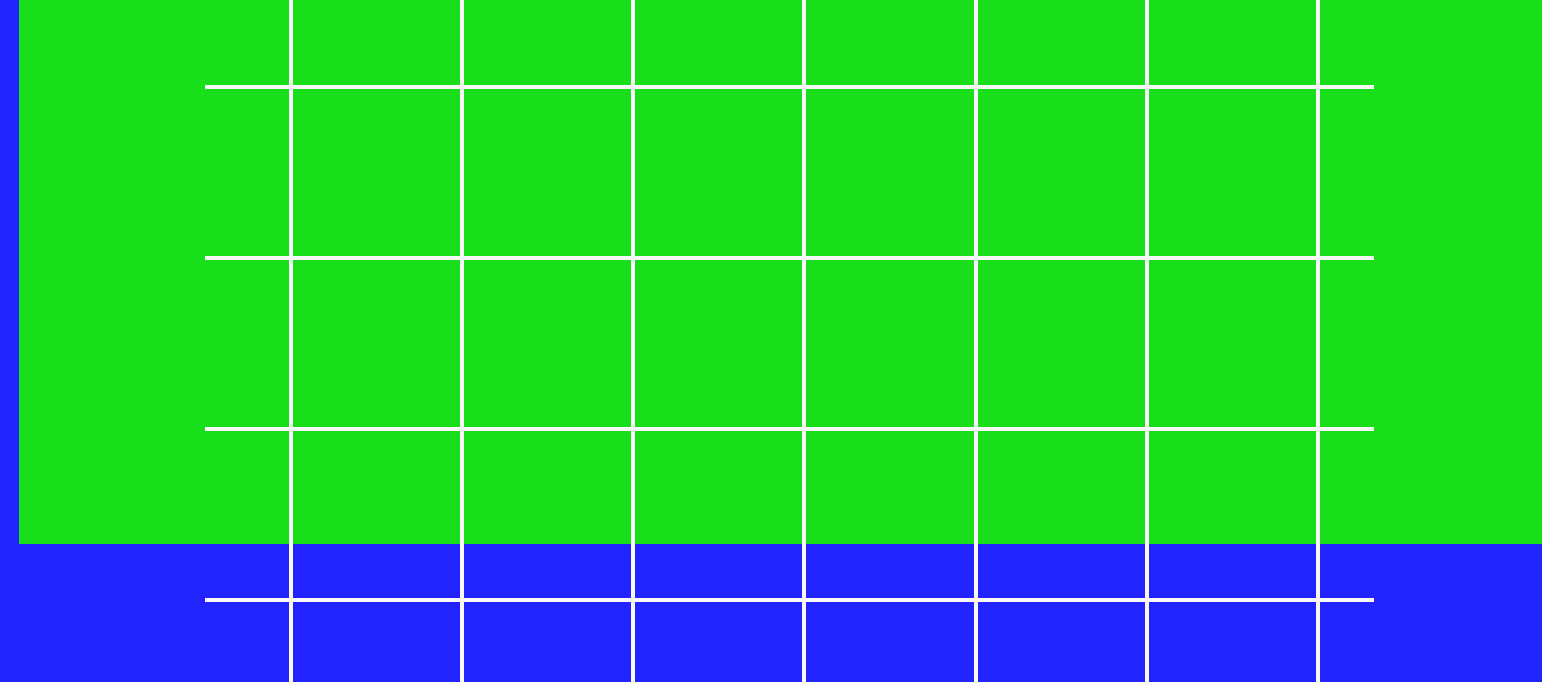
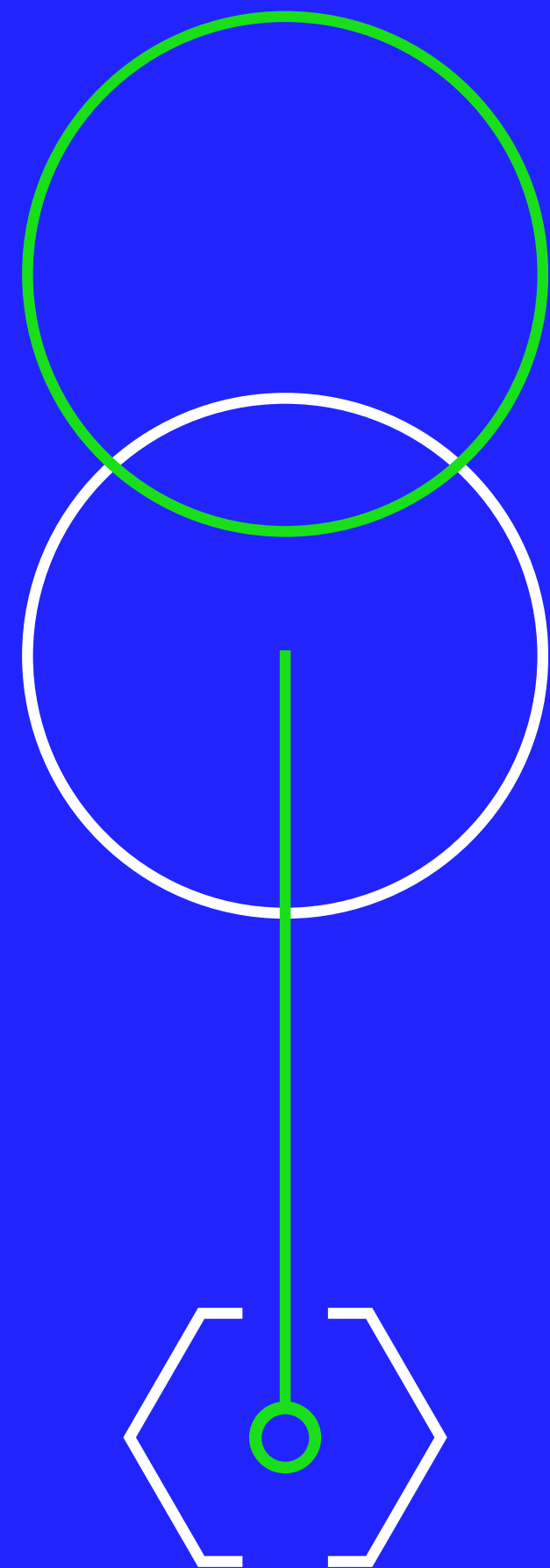


EJEMPLOS



```
logs.txt: Bloc de notas
Archivo Edición Formato Ver Ayuda
{
  "CorrelationId": "94317ac7-7874-4ddd-abc3-7291c6f5c130",
  "Service": "PdfGenerationServer",
  "Endpoint": "/api/orders/GeneratePdf",
  "TimeStrap": "2025-09-23T01:42:15.4021389Z",
  "Payload": {
    "CustomerId": 29489,
    "StartDate": "2011-05-31T00:00:00",
    "EndDate": "2013-05-30T00:00:00"
  },
  "Success": true
}
{
  "CorrelationId": "0c695b34-02c4-47e7-97fd-48ec0b04e88b",
  "Service": "PdfGenerationServer",
  "Endpoint": "/api/orders/GeneratePdf",
  "TimeStrap": "2025-09-23T01:48:19.7277818Z",
  "Payload": {
    "CustomerId": 27645,
    "StartDate": "2011-06-01T00:00:00",
    "EndDate": "2014-04-21T00:00:00"
  },
  "Success": true
}
{
  "CorrelationId": "e9fd8d2d-fca9-49d5-948e-04a3edb75fea",
  "Service": "PdfGenerationServer",
  "Endpoint": "/api/orders/GeneratePdf",
  "TimeStrap": "2025-09-23T18:06:07.7236737Z",
  "Payload": {
    "CustomerId": 29718,
    "StartDate": "2011-08-31T00:00:00",
    "EndDate": "2012-08-30T00:00:00"
  },
  "Success": true
}
```





**MUCHAS
GRACIAS**

