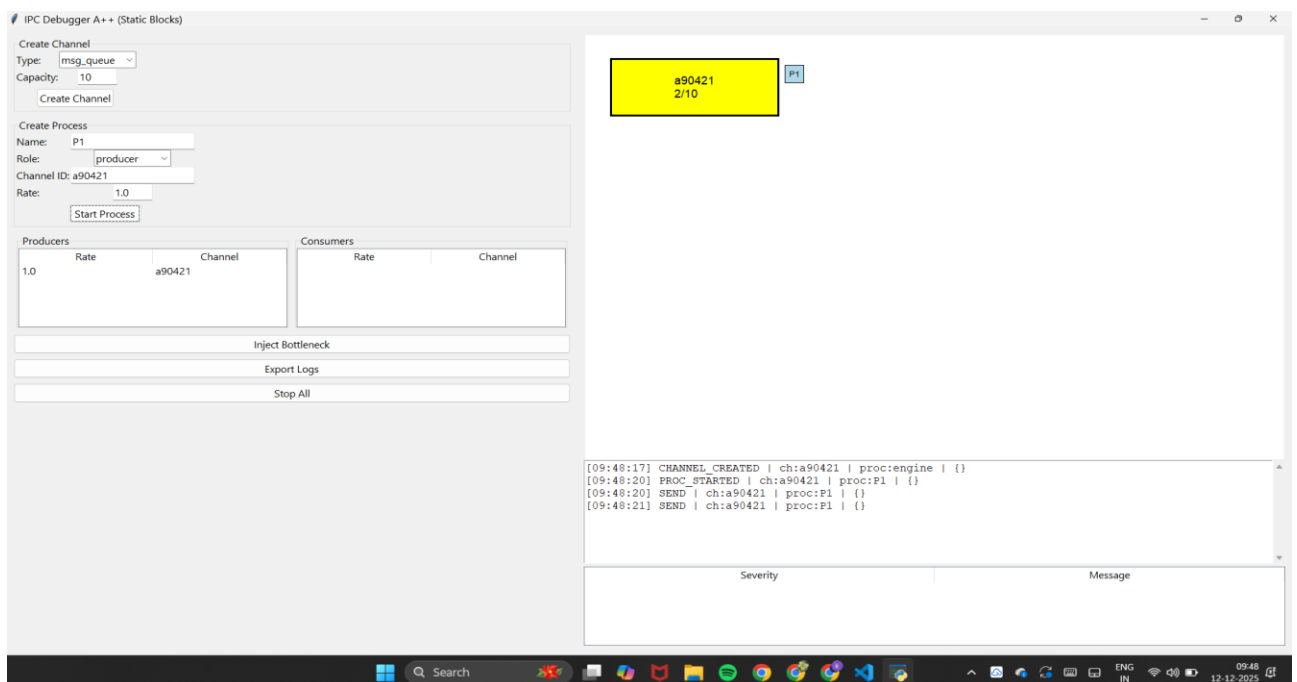


1. Channel is created



2. Process(P1) is created - Producer

IPC Debugger A++ (Static Blocks)

Create Channel

Type: Capacity: Create Channel

Create Process

Name: Role: Channel ID: Rate: Start Process

Producers		Consumers	
Rate	Channel	Rate	Channel
1.0	a90421		

Inject Bottleneck

Export Logs

Stop All

Visual Representation: a90421 8/10 (Red box), P1 (Blue box)

Log Window:

```
[09:48:21] SEND | ch:a90421 | proc:P1 | {}
[09:48:22] SEND | ch:a90421 | proc:P1 | {}
[09:48:23] SEND | ch:a90421 | proc:P1 | {}
[09:48:24] SEND | ch:a90421 | proc:P1 | {}
[09:48:25] SEND | ch:a90421 | proc:P1 | {}
[09:48:26] SEND | ch:a90421 | proc:P1 | {}
[09:48:27] SEND | ch:a90421 | proc:P1 | {}
```

Severity	Message
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421

3. Events appear

IPC Debugger A++ (Static Blocks)

Create Channel

Type: Capacity: Create Channel

Create Process

Name: Role: Channel ID: Rate: Start Process

Producers		Consumers	
Rate	Channel	Rate	Channel
1.0	a90421	1.0	a90421

Inject Bottleneck

Export Logs

Stop All

Visual Representation: a90421 9/10 (Red box), P1 (Blue box), P2 (Orange box)

Log Window:

```
[09:48:36] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:36] PROC_STARTED | ch:a90421 | proc:P2 | {}
[09:48:36] RECV | ch:a90421 | proc:P2 | {}
[09:48:37] SEND | ch:a90421 | proc:P1 | {}
[09:48:38] RECV | ch:a90421 | proc:P2 | {}
[09:48:38] SEND | ch:a90421 | proc:P1 | {}
[09:48:39] RECV | ch:a90421 | proc:P2 | {}
```

Severity	Message
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421
MEDIUM	Bottleneck suspected on a90421

4. Process(P2) is created - Consumer

IPC Debugger A++ (Static Blocks)

Create Channel

Type: Capacity:

Create Process

Name: Role: Channel ID: Rate:

Producers			Consumers		
	Rate	Channel		Rate	Channel
	1.0	a90421		1.0	a90421

a90421
10/10

P1

P2

```
[09:48:45] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:46] RECV | ch:a90421 | proc:P2 | {}
[09:48:46] SEND | ch:a90421 | proc:P1 | {}
[09:48:46] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:46] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:46] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:46] OVERFLOW | ch:a90421 | proc:P1 | {}
[09:48:46] OVERFLOW | ch:a90421 | proc:P1 | {}
```

Severity	Message
HIGH	Overflow on a90421
HIGH	Overflow on a90421
HIGH	Overflow on a90421
HIGH	Overflow on a90421
MEDIUM	Bottleneck suspected on a90421

5. Inject Bottleneck – shows alerts