

| | |
|---------------|---------|
| Name (string) | Abhijit |
|---------------|---------|

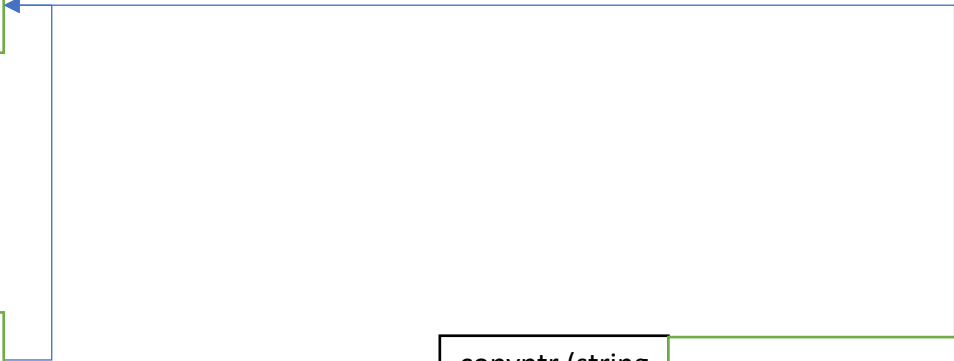
| | |
|---------------|--------|
| Role (string) | Go Dev |
|---------------|--------|

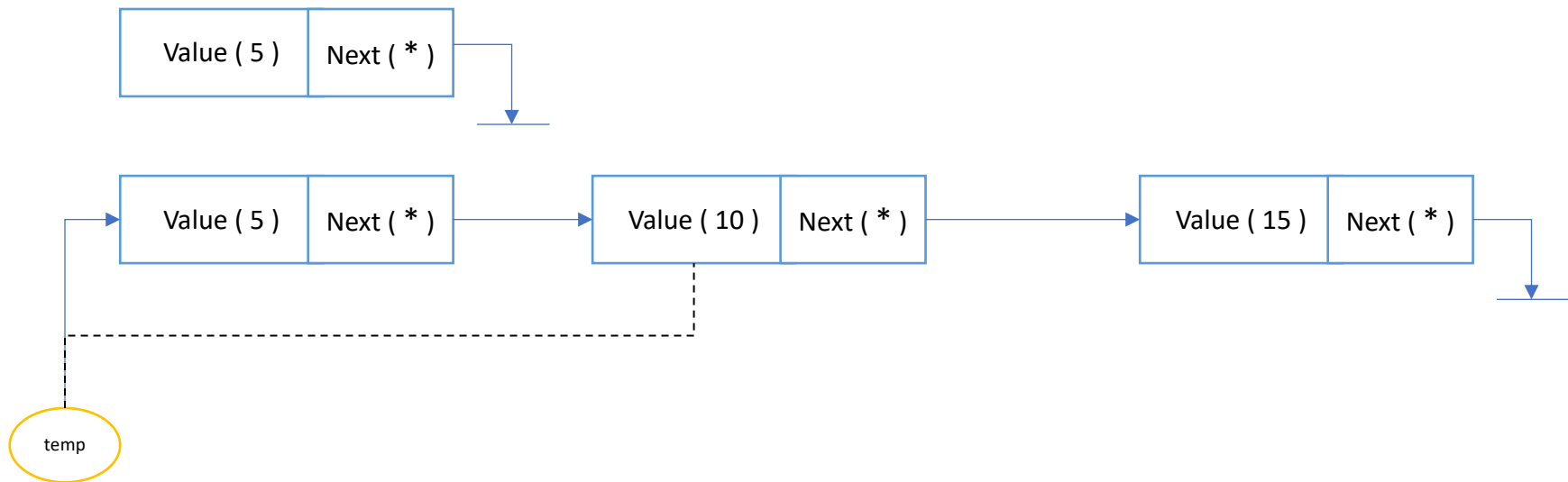
| | |
|----------------------|--------------|
| ptr (string pointer) | 0xc000010070 |
|----------------------|--------------|

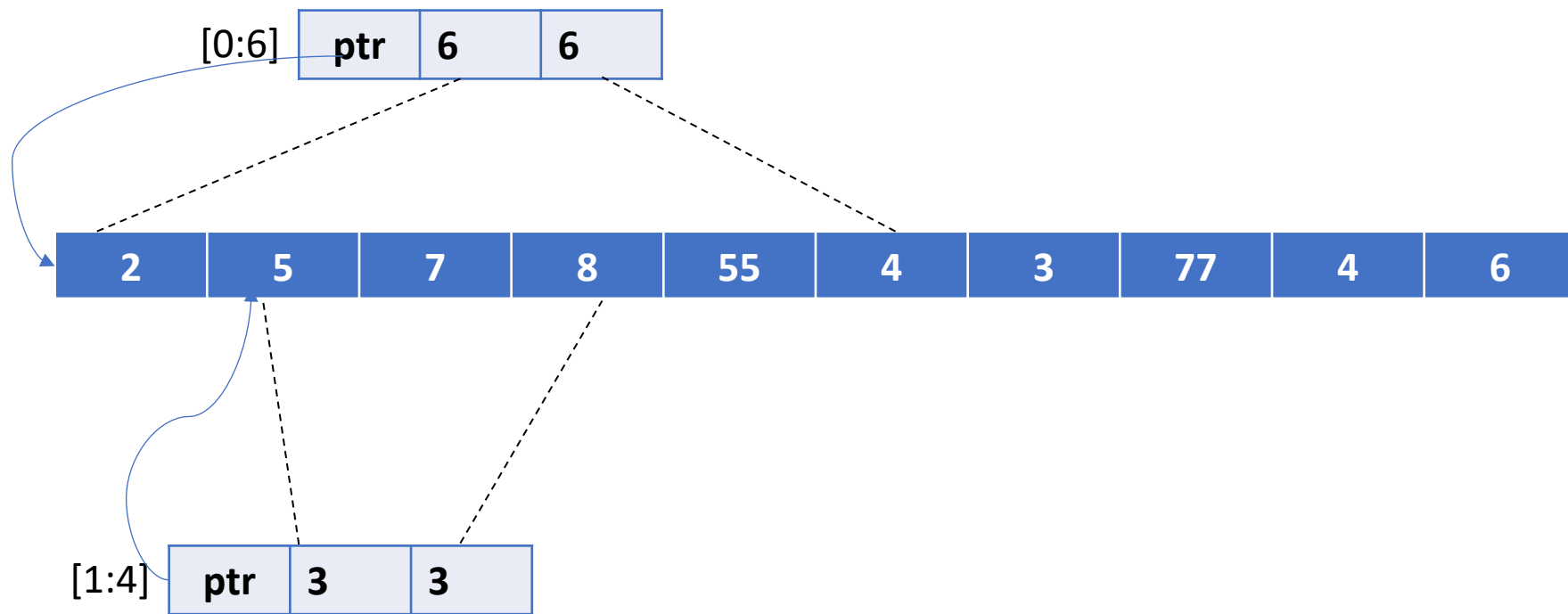
| | |
|------|-----|
| aPtr | nil |
|------|-----|

Copy by pointer

| | |
|--------------------------|--------------|
| copyptr (string pointer) | 0xc000010070 |
|--------------------------|--------------|





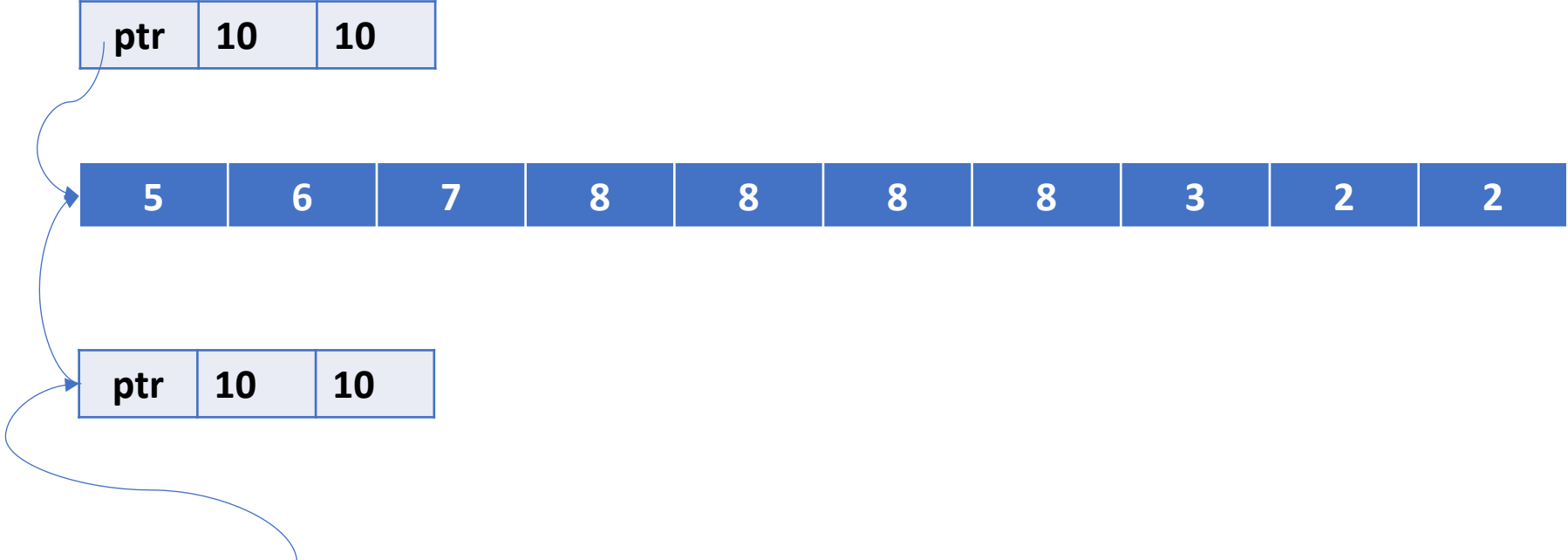


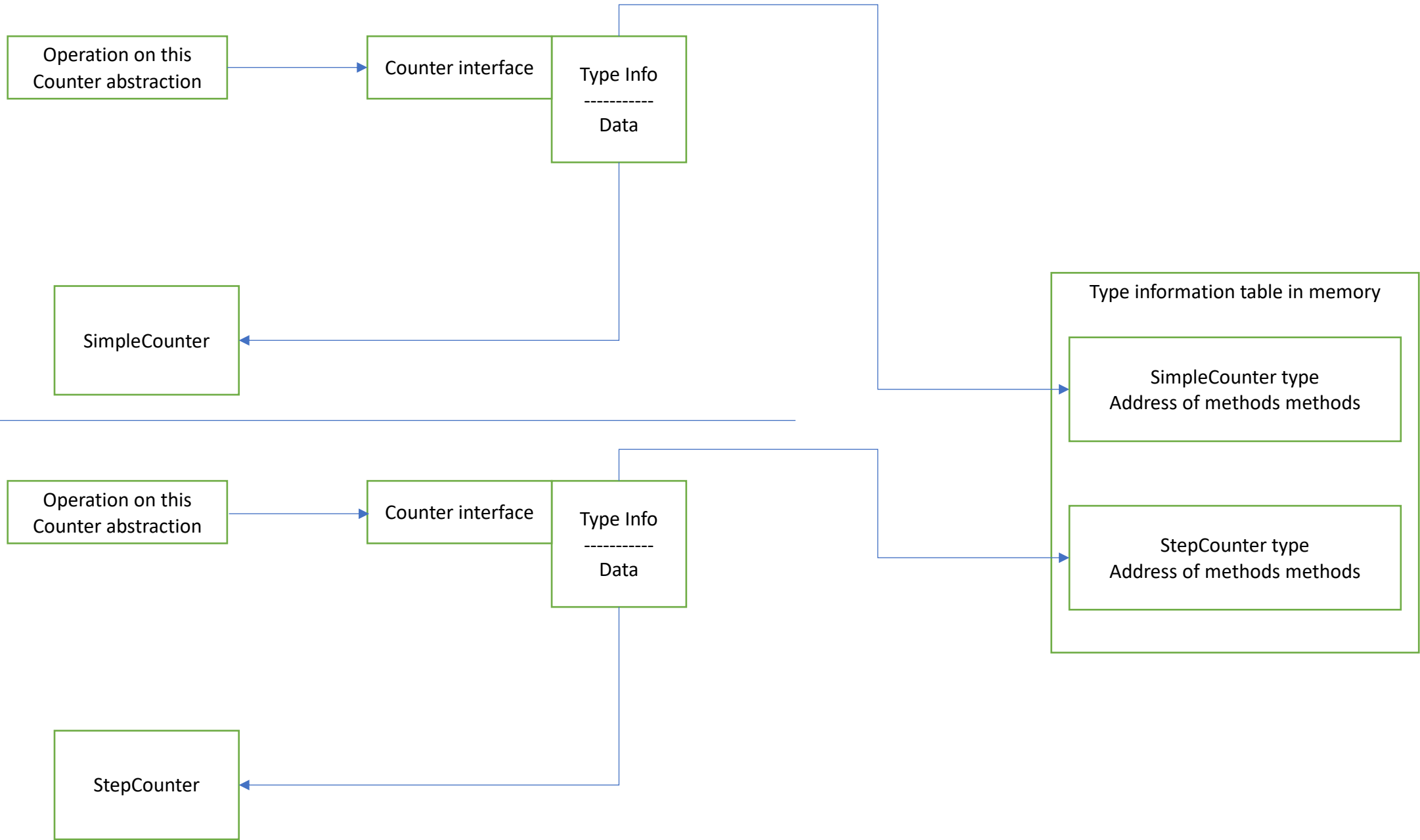
| | | |
|-----|----|----|
| ptr | 10 | 10 |
|-----|----|----|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5 | 6 | 7 | 8 | 8 | 8 | 8 | 3 | 2 | 2 |
|---|---|---|---|---|---|---|---|---|---|

| | | |
|-----|----|----|
| ptr | 10 | 10 |
|-----|----|----|

| | |
|--------------------|--------------|
| Copy by pointer | 0xc000010070 |
|--------------------|--------------|





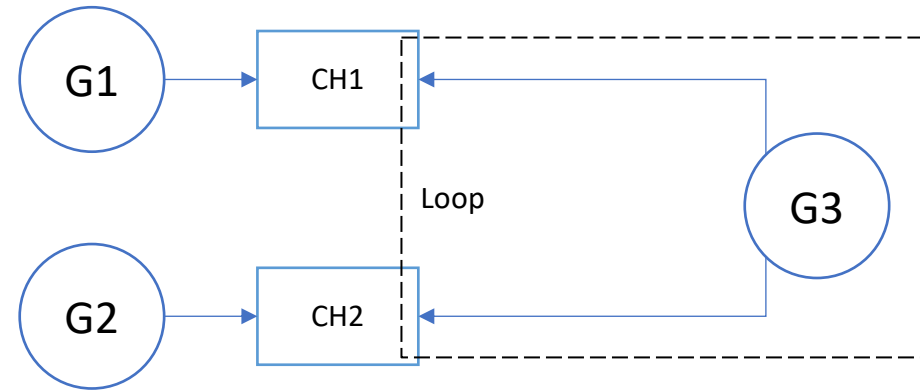


G1 is slow producer

G2 is fast producer

G3 is reading CH1 and then CH2

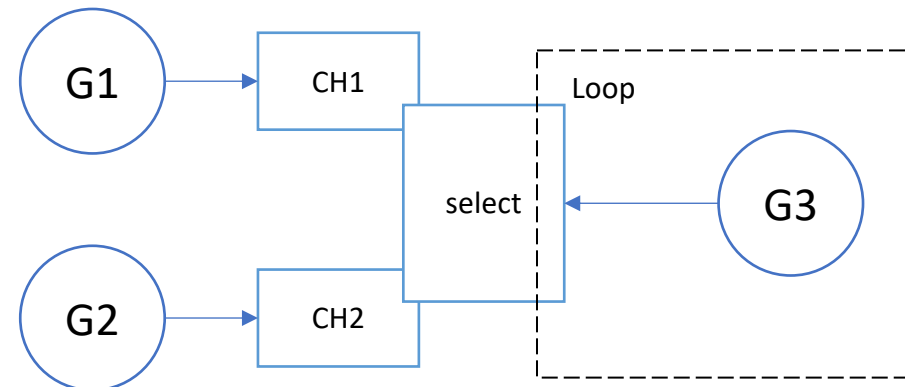
This will block G2 from producing values fast.
Since it cannot send further values unless G3
reads them fast

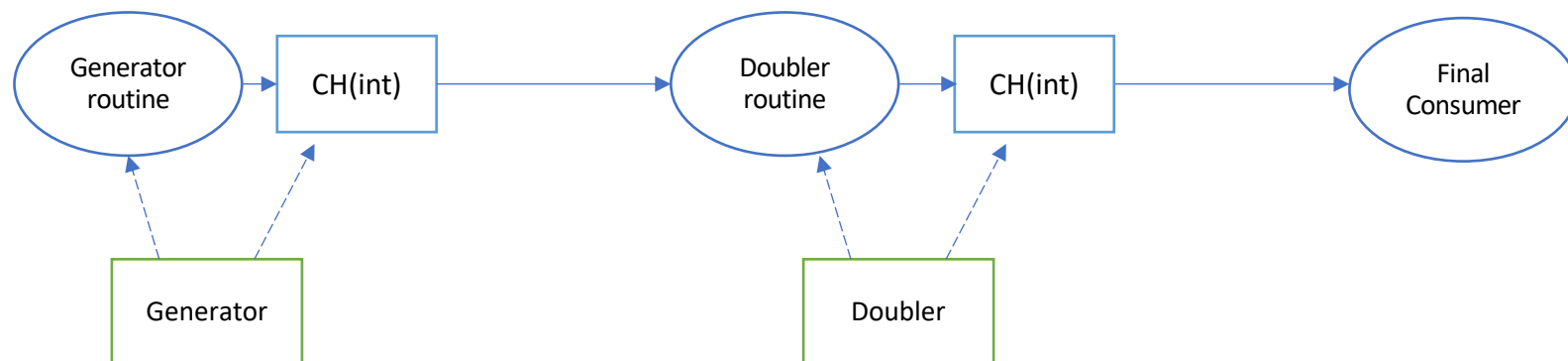


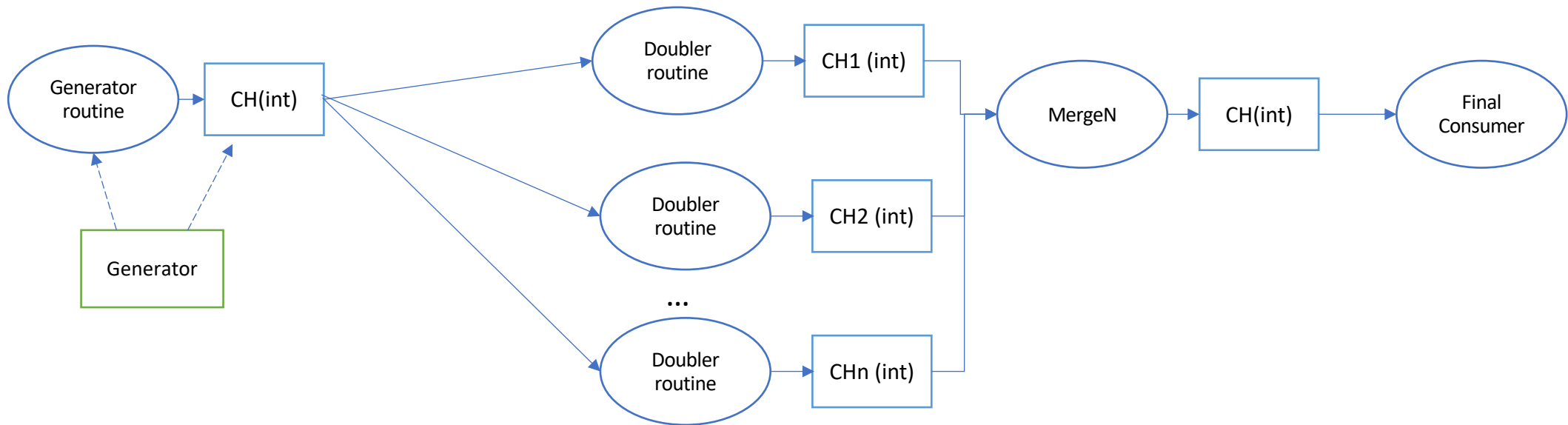
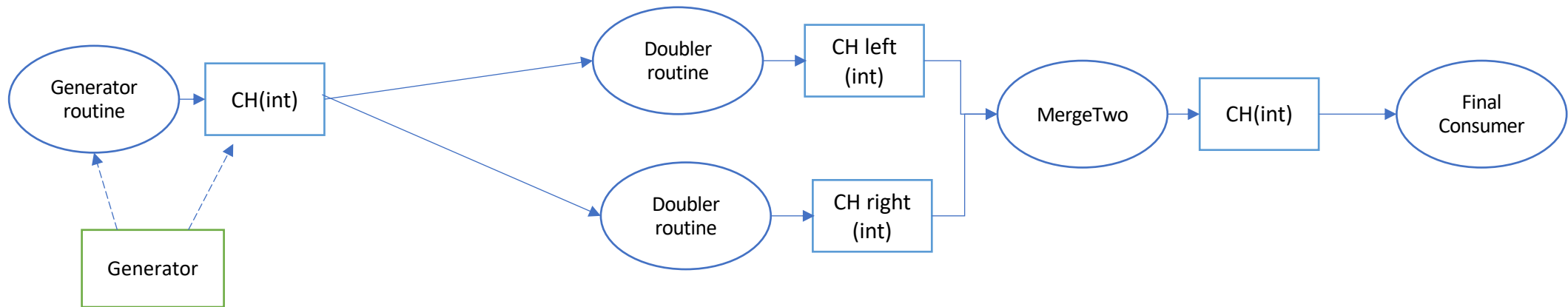
select will let G3 know if there is activity on
G1 or G1.

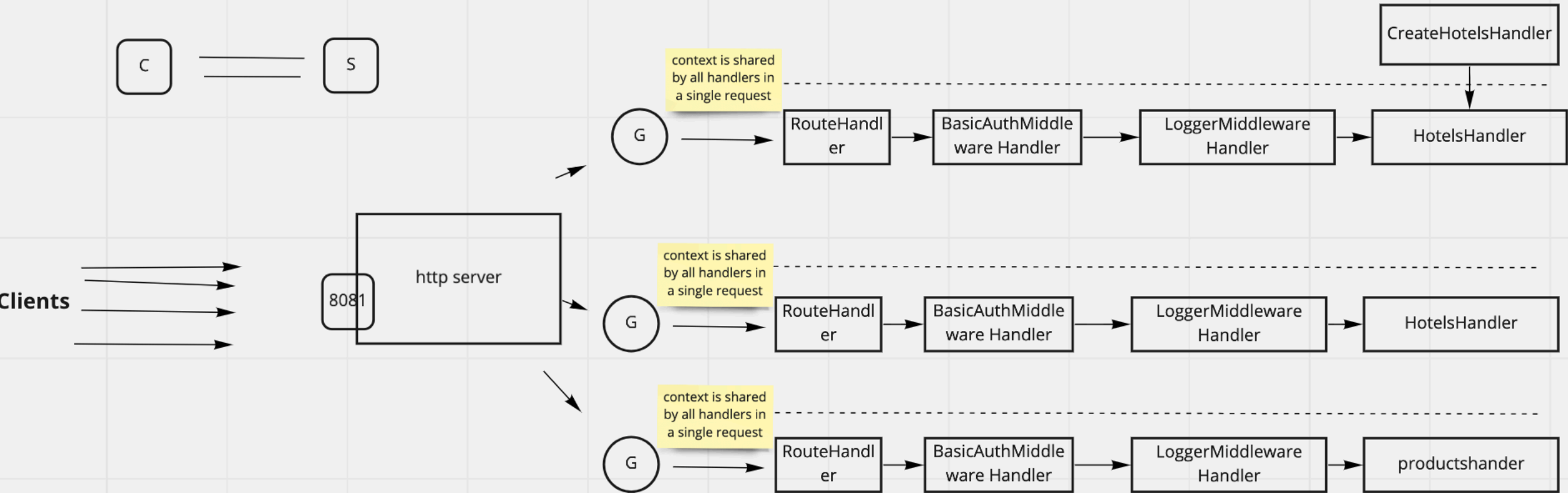
Without a default case select is blocking

If you add a default case then it is non
blocking









```
type Handler interface {
    ServeHTTP(ResponseWriter, *Request)
}
```

```
func(http.ResponseWriter, *http.Request)
```

Adapter for interface to simple handler: (gives equivalent of functional interface in java)

```
type HandlerFunc func(ResponseWriter, *Request)
```

```
// ServeHTTP calls f(w, r).
```

```
func (f HandlerFunc) ServeHTTP(w ResponseWriter, r *Request) {
    f(w, r)
}
```