

sysio::producer_plugin
_impl::maybe_produce_block

sysio::producer_plugin
_impl::on_incoming_block

sysio::producer_plugin
_impl::restart_speculative_block

sysio::producer_plugin
_impl::schedule_production_loop

```
graph LR; A["sysio::producer_plugin  
_impl::maybe_produce_block"] --> D["sysio::producer_plugin  
_impl::schedule_production_loop"]; B["sysio::producer_plugin  
_impl::on_incoming_block"] --> D; C["sysio::producer_plugin  
_impl::restart_speculative_block"] --> D;
```

The diagram illustrates a control flow where three different functions from the `sysio::producer_plugin_impl` namespace call into a single function, `sysio::producer_plugin_impl::schedule_production_loop`. The source functions are `maybe_produce_block`, `on_incoming_block`, and `restart_speculative_block`. The target function, `schedule_production_loop`, is highlighted with a gray background, indicating it is the central or final function in this sequence.