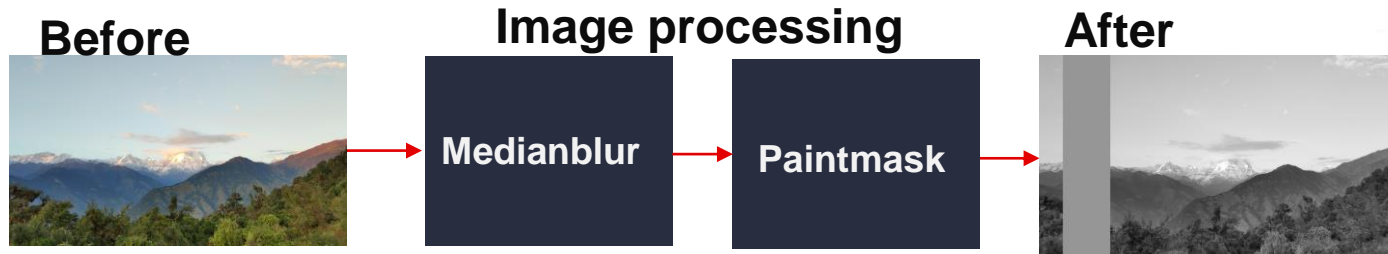




## ► Merging image processing filters

- Creation of an image processing filter that leverages two individual image processing filters, "median blur" and "paintmask"
- Tested both on emulation and actual AWS EC2 F1 hardware
- Project available on Github

| Execution time in SW | Execution time on FPGA | Attained speedup |
|----------------------|------------------------|------------------|
| 375193 ms            | 913 ms                 | 410x             |



## ► Knowledge gained:

- Hands-on experience with the Xilinx Vitis Platform and design flow
- Familiarization with the Xilinx hardware, AWS instances and Jupyter notebooks

