



HI Simulation + Imaging Pipeline

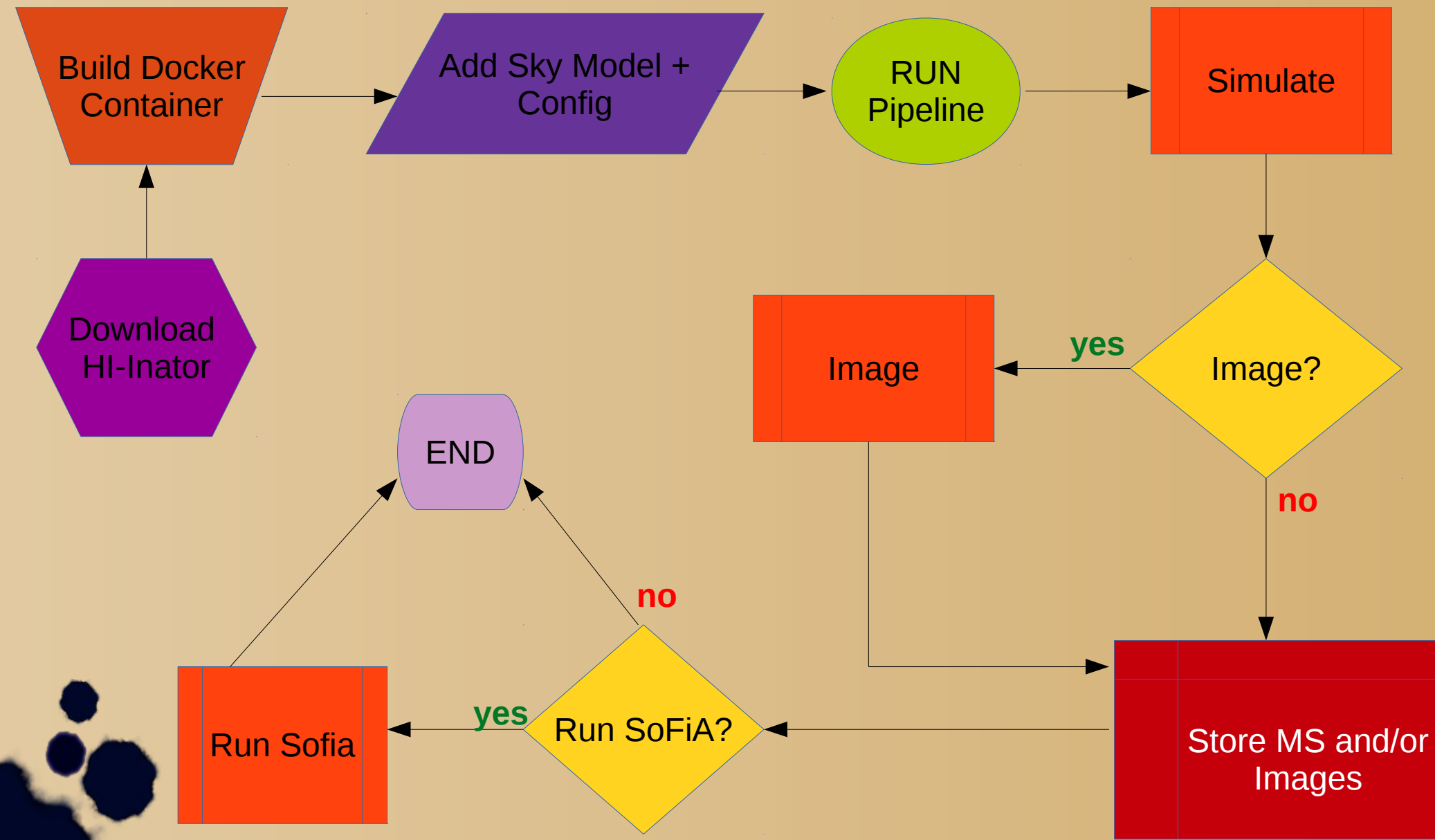
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18 June 2015

<https://github.com/SpheMakh/Hi-Inator>



The Pipeline



Running the Pipeline



- \$ git clone <https://github.com/SpheMakh/Hi-Inator>
- \$ cd HI-Inator
- \$ make download
- \$ make build
- \$ Add your sky model to input/
- \$ Copy and modify input/parameters.json
- \$ make run config=<modified config file>
- \$ cd output (this is where your results will be)



Sky Model



- Must be a FITS image
- RA, DEC[FREQ, STOKES]
 - Each plane must have at least CRVAL, CRPIX, CDELT
- Coming Soon:
 - Add continuum emission (component model)
 - Add DI gains
 - Correct for DI gains

