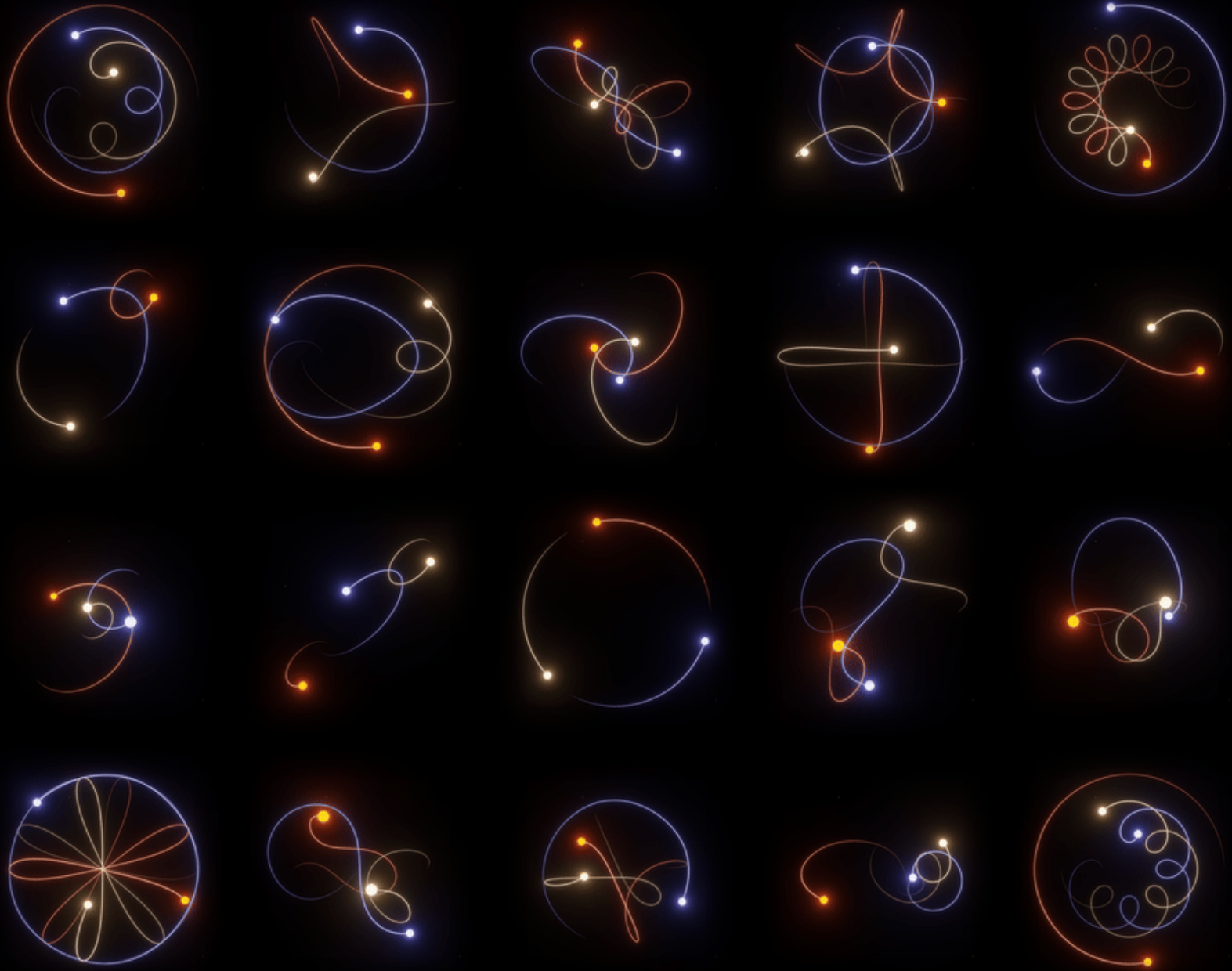


# The 3 AVD Containers Problem

Three Containers - Endless Possibilities  
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# Origins

- Arista AVD collection can be [installed manually](#)
  - Very feasible in many cases and not going anywhere
  - Do this at your own risk. You may encounter weird problems, especially if environment has some history
- [AVD all-in-one container](#)
  - Was never officially documented or advertised, but quite actively used anyway. Around 60K total downloads so far.
  - Can be used as dev container (with some modifications) or standalone
  - It was never integrated with AVD CI and must be manually updated on every release
  - A lot of complexity to maintain
  - No plans to support it long term
- [Ansible Automation Platform](#)
  - Out of scope. For customers heavily relying on RedHat support and internal Ansible ecosystem

# AVD Dev Containers

```
python:3.{9-11}-slim-bullseye
|
|         <--- trigger CI on every AVD release, pre-release, merge
|
L> base      :python3.{9-11}, latest
|
|   L> dev    :python{9-11}, latest
|   L> universal :python3.{9-11}-avd-devel, python3.{9-11}-avd-v4.5.0, latest
```

- Common use cases:
  - `base` - not to be used directly, base for all other images
  - `dev` - AVD contributors and testing new features/branches. AVD collection is not pre-installed
  - `universal` - AVD collection is pre-installed, ready to use
- All containers are multi-platform - linux/arm64, linux/amd64