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Documentation
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Marco Bartolini

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This Helm deployer is a prototype of a platform controller for SDP. It installs/updates/uninstalls Helm releases depending on information in the SDP configuration.

Helm deployment controller.

Installs/updates/uninstalls Helm releases depending on information in the SDP configuration.

`ska_sdp_helmdeploy.helmdeploy.create_helm(dpl_id, deploy)`
Create a new Helm deployment.

Parameters

- **dpl_id** – deployment ID
- **deploy** – the deployment

`ska_sdp_helmdeploy.helmdeploy.delete_helm(dpl_id)`
Delete a Helm deployment.

Parameters **dpl_id** – deployment ID

`ska_sdp_helmdeploy.helmdeploy.helm_invoke(*args)`
Invoke Helm with the given command-line arguments.

Returns output of the command

Raises `subprocess.CalledProcessError` if command returns an error status

`ska_sdp_helmdeploy.helmdeploy.invoke(*cmd_line)`
Invoke a command with the given command line.

Returns output of the command

Raises `subprocess.CalledProcessError` if command returns an error status

`ska_sdp_helmdeploy.helmdeploy.list_helm()`
List Helm deployments.

Returns list of deployment IDs

`ska_sdp_helmdeploy.helmdeploy.main(backend=None)`
Main.

`ska_sdp_helmdeploy.helmdeploy.main_loop(backend=None)`
Main loop of Helm controller.

Parameters **backend** – for configuration database

`ska_sdp_helmdeploy.helmdeploy.release_name(dpl_id)`
Get Helm release name from deployment ID.

Parameters **dpl_id** – deployment ID

Returns release name

`ska_sdp_helmdeploy.helmdeploy.terminate(_signame, _frame)`
Terminate the program.

`ska_sdp_helmdeploy.helmdeploy.update_helm()`
Refresh Helm chart repositories.

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