ESS CRDs support in ArgoCD

ArgoCD can support getting the ESS CRDs Status as resource health using Custom Health Checks

You need to configure the following under the configmap `argocd-cm` of argocd :

```
data:
  resource.customizations: |
    matrix.element.io/*:
      health.lua: |
        hs = {}
        if obj.status ~= nil then
          if obj.status.conditions ~= nil then
            for i, condition in ipairs(obj.status.conditions) do
              if condition.type == "Failure" and condition.status == "True" then
                hs.status = "Degraded"
                hs.message = condition.message
                return hs
              end
              if condition.type == "Running" and condition.status == "True" and
condition.reason ~= "Successful" then
                hs.status = "Progressing"
                hs.message = condition.message
                return hs
              end
              if condition.type == "Available" and condition.status == "True" then
                hs.status = "Healthy"
                hs.message = condition.message
                return hs
              end
              if condition.type == "Available" and condition.status == "False" then
                hs.status = "Degraded"
                hs.message = condition.message
                return hs
              end
              if condition.type == "Successful" and condition.status == "True" then
                hs.status = "Healthy"
                hs.message = condition.message
                return hs
```

```
            end
          end
        end
      end

      hs.status = "Progressing"
      hs.message = "Waiting for the CR to start to converge..."
      return hs
  EOT
```

Revision #6
Created 2024-03-08 10:16:35 UTC by Gaël Goinvic
Updated 2024-11-06 13:20:33 UTC by Kieran Mitchell Lane