

[Management Tools](https://cloud.google.com/products/management/) (https://cloud.google.com/products/management/)

[Cloud Shell](https://cloud.google.com/shell/) (https://cloud.google.com/shell/) [Documentation](#)

Environment

A Cloud Shell environment, which is defined as the combination of a Docker image specifying what is installed on the environment and a home directory containing the user's data that will remain across sessions. Each user has a single environment with the ID "default".

JSON representation

```
{
  "name": string,
  "id": string,
  "dockerImage": string,
  "state": enum(State (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/State)),
  "sshUsername": string,
  "sshHost": string,
  "sshPort": number,
  "publicKeys": [
    {
      object(PublicKey (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/Environment))
    }
  ]
}
```

Fields

name	string Output only. Full name of this resource, in the format <code>users/{owner_email}/environments/{environment_id}</code> . <code>{owner_email}</code> is the email address of the user to whom this environment belongs, and <code>{environment_id}</code> is the identifier of this environment. For example, <code>users/someone@example.com/environments/default</code> .
id	string Output only. The environment's identifier, which is always "default".

Fields	
dockerImage	<p>string</p> <p>Required. Full path to the Docker image used to run this environment, e.g. "gcr.io/dev-con/cloud-devshell:latest".</p>
state	<p>enum(<u>State</u> (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/State))</p> <p>Output only. Current execution state of this environment.</p>
sshUsername	<p>string</p> <p>Output only. Username that clients should use when initiating SSH sessions with the environment.</p>
sshHost	<p>string</p> <p>Output only. Host to which clients can connect to initiate SSH sessions with the environment.</p>
sshPort	<p>number</p> <p>Output only. Port to which clients can connect to initiate SSH sessions with the environment.</p>
publicKeys[]	<p>object(<u>PublicKey</u> (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/Environment#PublicKey))</p> <p>Output only. Public keys associated with the environment. Clients can connect to this environment via SSH only if they possess a private key corresponding to at least one of these public keys. Keys can be added to or removed from the environment using the <code>publicKeys.create</code> and <code>publicKeys.delete</code> methods.</p>

PublicKey

A public SSH key, corresponding to a private SSH key held by the client.

JSON representation

```
{
  "name": string,
  "format": enum(Format (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/Format)),
  "key": string
}
```

Fields

name	string Output only. Full name of this resource, in the format <code>users/{owner_email}/environments/{environment_id}/publicKeys/{key_id}</code> . <code>{owner_email}</code> is the email address of the user to whom the key belongs. <code>{environment_id}</code> is the identifier of the environment to which the key grants access. <code>{key_id}</code> is the unique identifier of the key. For example, <code>users/someone@example.com/environments/default/publicKeys/myKey</code> .
format	enum(Format (https://cloud.google.com/shell/docs/reference/rest/Shared.Types/Format)) Required. Format of this key's content.
key	string (bytes (https://developers.google.com/discovery/v1/type-format) format) Required. Content of this key. A base64-encoded string.

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