Appendix H – API Design

GET /clients

Response Class (Status 200)

Model | Example Value

Inline Model [
  Inline Model 1
]
Inline Model 1 {
  name (string, *optional*),
  last_update (string),
  id (integer),
  installation_id (integer)
}

Response Content Type [application/json ▾]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
installationId	(required)		query	integer

[Try it out!]

GET /installations

Response Class (Status 200)

Model | Example Value

Inline Model [
  Inline Model 1
]
Inline Model 1 {
  name (string, *optional*),
  last_update (string),
  id (integer)
}

Response Content Type [application/json ▾]

[Try it out!]

GET /unit/train

Parameters

Parameter	Value	Description	Parameter Type	Data Type
installationId	(required)		query	integer
unitId	(required)		query	integer

Response Messages

HTTP Status Code	Reason	Response Model	Headers
200			

[Try it out!]

GET /units

Response Class (Status 200)

Model | Example Value

Inline Model [
   Inline Model 1
]
Inline Model 1 {
   name (string, *optional*),
   last_update (string),
   id (integer),
   client_id (integer),
   mae (number),
   performance (string, *optional*)
}

Response Content Type [application/json ▾]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
installationId	(required)		query	integer
clientId	(required)		query	integer

Try it out!

GET /unit/plot

Response Class (Status 200)

Model | Example Value

DtoUnitPlot {
   unit_id (integer),
   name (string, *optional*),
   installation_id (integer),
   unit_key (string, *optional*),
   historical (Array[GraphDataPointOfDateTimeAndDouble], *optional*),
   predictions (Array[GraphDataPointOfDateTimeAndDouble], *optional*)
}
GraphDataPointOfDateTimeAndDouble {
   x (string),
   y (number)
}

Response Content Type [application/json ▾]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
installationId	(required)		query	integer
unitId	(required)		query	integer
weeksAgo			query	integer

Try it out!