Forest Resource - GET

Request

```
GET $baseUrl/rest/structure/1.0/structure/$id/forest
GET $baseUrl/rest/structure/1.0/structure/$id/forest?root=$root
```

Returns the hierarchical issue list (forest) of the specified structure.

Parameters:

$id	*required*	the ID of the structure
$root	*optional*	the ID of the pinned issue for the Fixed Structure View

Response

```
{
   "structure":100,
   "version":2981,
   "root":10001,
   "formula":"10009:0,10008:1,10006:2,10002:3,10001:4,10062:4,10070:3,10071:2,10041:2"
}
```

Response Fields:

structure	the ID of the structure
version	the version of the foresst
root	the pinned issue if the fixed structure view has been requested (absent otherwise)
formula	a string representation of the issue forest

Forest Formula

The forest of issues is represented by a string formula, which consists of pairs "*issue ID*:*depth*", delimited by a comma. Each pair represents a row in the fully expanded view of the forest.

```
ForestFormula ::= NodeSequence
NodeSequence ::= Node [ "," NodeSequence ]
Node ::= IssueID ":" Depth
IssueID ::= Integer
Depth ::= Integer
```