url_prefix = addr:port/api/v1

get /services
    action:query active services
    return:
        success: a list of active services in json format
        failed:reasons

post /services
    action:register a service
    accept:{'type':type, 'name':name} in json format
    return:
        success:the created service in json format
        failed:reasons

post /services/<id>/pulse
    action:notify the task manager that the service with id is active
    return:
        success:the service in json format
        failed: reasons
get /tasks
    action: query tasks
    accept: query filters
    return:
        success: tasks list in json format
        failed: reasons
    example:
        get /tasks
        get /tasks?id=1&status=processing

get /tasks/<id>
    action: query task
    return:
        success: task in json format
        failed: reasons

get /tasks/<id>/<property>
      action: query property
      return:
            success:property in json format
            failed:reasons

get /tasks/top/<type>/<name>/<cnt>
      action: query top tasks
      return:
            success: top n (n<=cnt) tasks list in json format
            failed: reasons
post /tasks
      action: post task
      accept: json format data
      return:
            success:created task
            failed:reasons

post /tasks/<id>/status/<status>
      action: update status
      return:
            success:updated task
            failed:reasons

post /tasks/<id>/comments
      action: add comment
      accept: json format comment
      return:
            success:updated task
            failed:reasons