## webgui_start

hello()
send_report(path)
get_project()
create_project(projekt)
get_images(projekt)
get_passpunkte(projekt)
delete_modify_passpunkte(projekt, passpunkt, image)
get_passpunkt_bilder(projekt, passpunkt)
get_bilder_passpunkte(projekt, image)
show_images(projekt, nr)
find_aruco(projekt)
find_sift_all(projekt)
match_sift_all(projekt)
web_join_nextpictures(projekt)
web_join_nextcoords(projekt)
start_pair(projekt)
bundle_block(projekt)
exif_download(projekt)
database_path(projekt)
open_database(projekt)
open_browser()

## create_database

create_database(datenbank)

## metadaten

metadaten(datenbank, pfad, maxnumber)
load_medaten(db, bild)
to_ecef(lat, lon, h)

## find_sift

### find_sift

init(datenbank, soll_width=600)
find_sift_in_image(image)
find_sift_in_all()

## match_sift

### match_sift

init(datenbank, soll_width=600)
match_sift(next_images=3, nearest_images=5)

## aruco

### aruco

init(datenbank)
find_markers(id, pfad)
find_all_aruco()

## transformation

### transformation

init(datenbank)
calc_parameters()
transform_points()

## naeherungswerte

naeherungswerte(datenbank, show_figures=False)
get_kameramatrix(cur, bid)
cart2hom(arr)
scale_and_translate_points(points)
correspondence_matrix(p1, p2)
compute_essential_normalized(p1,p2)
reconstruct_points(p1,p2,m1,m2)
skew(x)
reconstruct_one_point(pt1, pt2, m1, m2)
linear_triangulation(p1, p2, m1, m2)

## join_nextcoords

join_nextcoords(datenbank, show_figures=False)

## join_nextpictures

def join_nextpictures(datenbank)

## bundle_adjustment

bundle_adjustment(datenbank)
project(x0)

## exif

### exif

init(datenbank)
write_exif()