

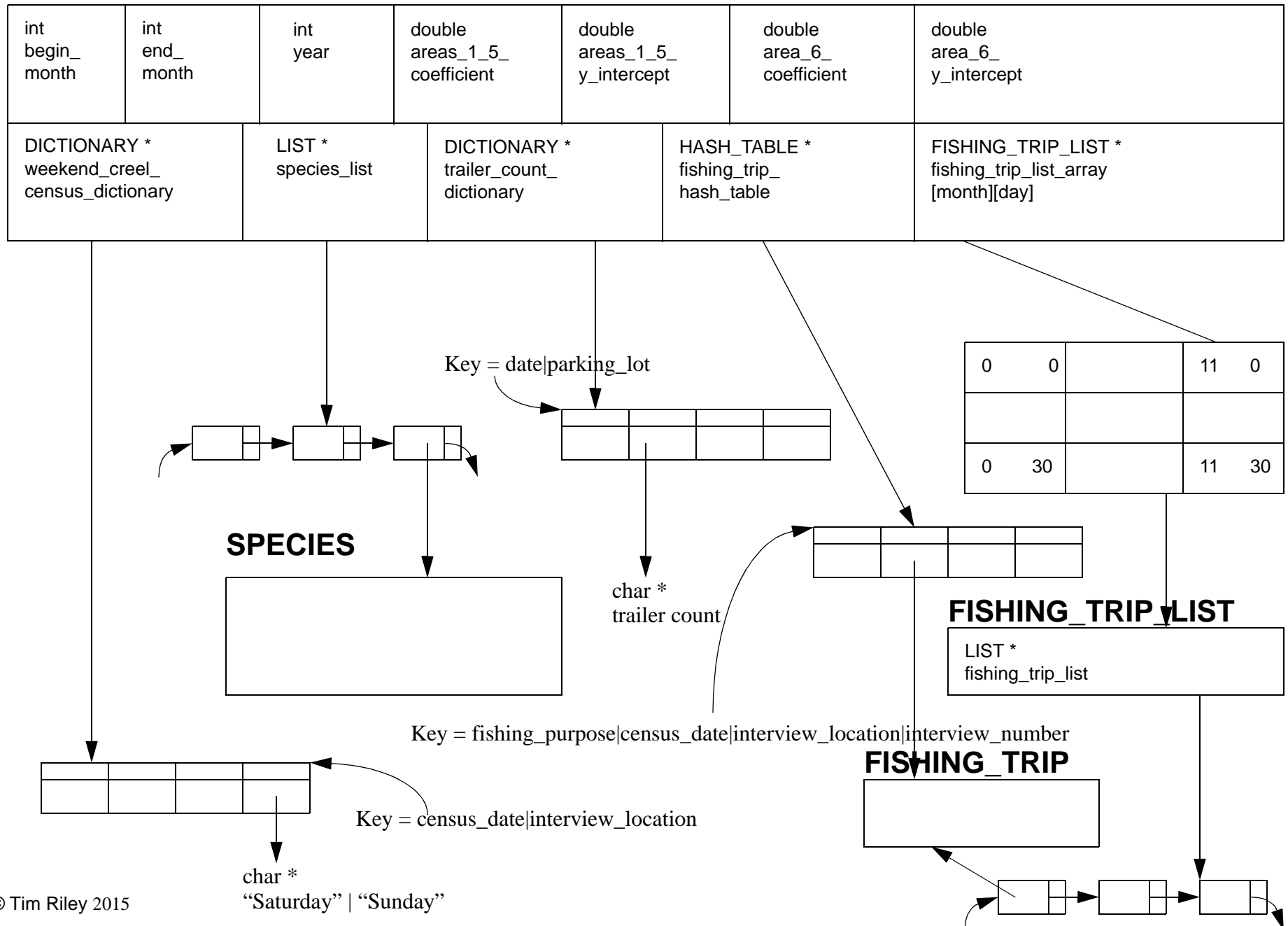
**ESTIMATED\_TOTAL\_CAUGHT**

ESTIMATED_TOTAL_CAUGHT_INPUT * input	ESTIMATED_TOTAL_CAUGHT_OUTPUT * output
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**ESTIMATED\_TOTAL\_CAUGHT\_INPUT**

**ESTIMATED\_TOTAL\_CAUGHT\_OUTPUT**

## ESTIMATED\_TOTAL\_CAUGHT\_INPUT



**FISHING\_TRIP**

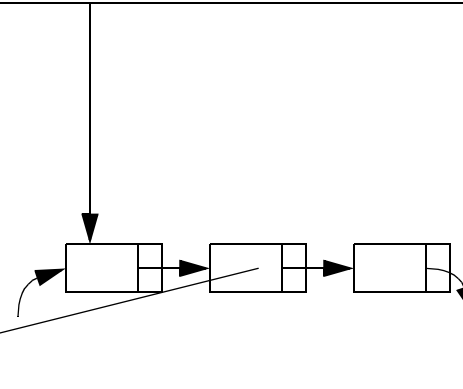
char * fishing_purpose	DATE * census_date	char * interview_location	int interview_number	int fishing_area_integer	char * trip_origin_location
int number_of_people_fishing	int hours_fishing	LIST * catch_list			

**CATCH**

SPECIES * species	int kept	int released
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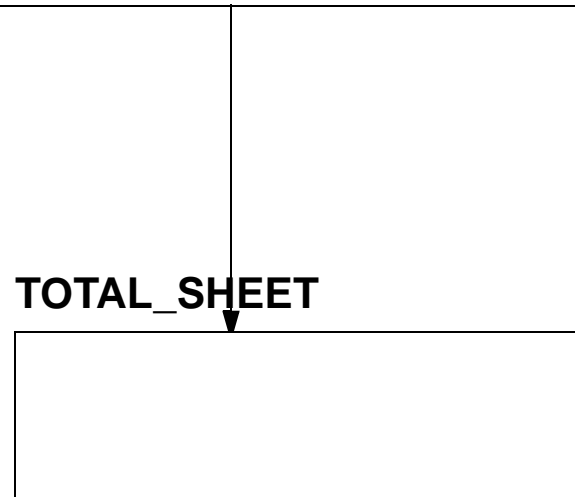
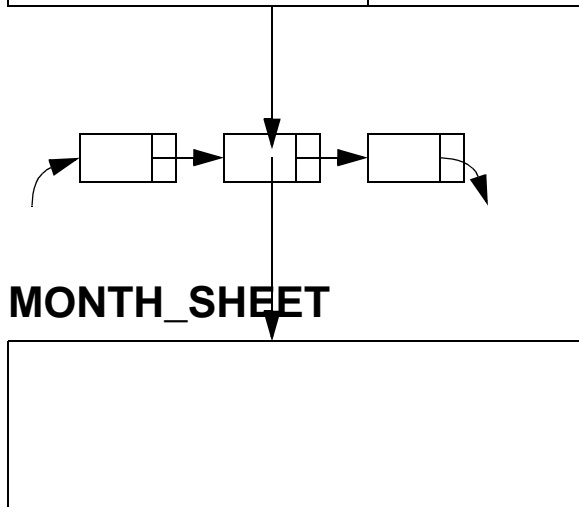
**SPECIES**

char * family	char * genus	char * species	int florida_state_code
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**ESTIMATED\_TOTAL\_CAUGHT\_OUTPUT**

double grand_areas_1_5_estimated_kept	double grand_areas_1_5_estimated_released	double grand_areas_1_5_estimated_caught
double grand_areas_1_6_estimated_kept	double grand_areas_1_6_estimated_released	double grand_areas_1_6_estimated_caught
LIST * month_sheet_list	TOTAL_SHEET * total_sheet	



**MONTH\_SHEET**

MONTH_ROW * total_row	LIST * row_list	int month
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**MONTH\_ROW**

int day	DATE * row_date	performed_flamingo_census_weekend	performed_everglades_city_census_weekend
DATE * flamingo_interview_date_saturday		DATE * flamingo_interview_date_sunday	
DATE * everglades_city_interview_date_saturday		DATE * everglades_city_interview_date_sunday	
MONTH_ROW_VESSEL * vessel	MONTH_ROW_FISHING_TRIP * fishing_trip		LIST * catch_area_list

**MONTH\_ROW\_VESSEL**

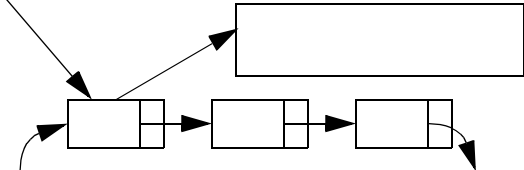
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**MONTH\_ROW\_FISHING\_TRIP**

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**enum performed\_census\_weekend**

day\_saturday\_census\_saturday  
day\_sunday\_census\_sunday  
day\_saturday\_census\_missed  
day\_sunday\_census\_missed\_saturday\_not\_missed  
day\_sunday\_census\_weekend\_missed  
day\_weekday\_census\_saturday\_only  
day\_weekday\_census\_sunday\_only  
day\_weekday\_census\_saturday\_and\_sunday  
day\_weekday\_census\_missed\_saturday\_and\_sunday

**CATCH\_AREA**

**MONTH\_ROW\_VESSEL**

int florida_bay_trailer_count	int whitewater_bay_trailer_count	int total_trailer_count	
double estimated_areas_1_5_vessels	double estimated_area_6_vessels	double estimated_areas_1_6_vessels	
double estimated_flamingo_fishing_vessels	double estimated_everglades_city_fishing_vessels	double estimated_park_fishing_vessels	
double flamingo_fishing_boating_ratio	double everglades_city_fishing_boating_ratio		

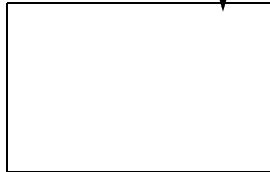
**MONTH\_ROW\_FISHING\_TRIP**

int flamingo_fishing_saturday int flamingo_pleasure_saturday int flamingo_boating_saturday int flamingo_fishing_sunday int flamingo_pleasure_sunday int flamingo_boating_sunday int flamingo_fishing_weekend int flamingo_boating_weekend double flamingo_fishing_day double flamingo_boating_day int flamingo_fishing_hours_saturday int flamingo_fishing_hours_sunday int flamingo_fishing_hours_weekend double flamingo_fishing_hours_day int flamingo_angler_count_saturday int flamingo_angler_count_sunday int flamingo_angler_count_weekend double flamingo_angler_count_day double flamingo_fishing_effort_hours_day double average_effort_hours_per_flamingo_fishing_vessel double estimated_flamingo_effort_hours			int everglades_city_fishing_saturday int everglades_city_pleasure_saturday int everglades_city_boating_saturday int everglades_city_fishing_sunday int everglades_city_pleasure_sunday int everglades_city_boating_sunday int everglades_city_fishing_weekend int everglades_city_boating_weekend double everglades_city_fishing_day double everglades_city_boating_day int everglades_city_fishing_hours_saturday int everglades_city_fishing_hours_sunday int everglades_city_fishing_hours_weekend double everglades_city_fishing_hours_day int everglades_city_angler_count_saturday int everglades_city_angler_count_sunday int everglades_city_angler_count_weekend double everglades_city_angler_count_day double everglades_city_fishing_effort_hours_day double average_effort_hours_per_everglades_city_fishing_vessel double estimated_everglades_city_effort_hours		
double park_fishing_count_day	double park_boating_count_day	double park_effort_hours_day			

**CATCH\_AREA**

int areas_1_5_sample_kept_saturday int areas_1_5_sample_kept_sunday int areas_1_5_sample_released_saturday int areas_1_5_sample_released_sunday int area_6_sample_kept_saturday int area_6_sample_kept_sunday int area_6_sample_released_saturday int area_6_sample_released_sunday int areas_1_5_sample_kept_weekend int area_6_sample_kept_weekend int areas_1_5_sample_released_weekend int area_6_sample_released_weekend double areas_1_5_sample_kept double areas_1_5_sample_released double areas_1_5_sample_caught double area_6_sample_kept double area_6_sample_released	double area_6_sample_caught double areas_1_6_sample_kept double areas_1_6_sample_released double areas_1_6_sample_caught double average_kept_per_flamingo_fishing_vessel double average_released_per_flamingo_fishing_vessel double average_kept_per_everglades_city_fishing_vessel double average_released_per_everglades_city_fishing_vessel double areas_1_5_estimated_kept double areas_1_5_estimated_released double areas_1_5_estimated_caught double area_6_estimated_kept double area_6_estimated_released double area_6_estimated_caught double areas_1_6_estimated_kept double areas_1_6_estimated_released double areas_1_6_estimated_caught
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SPECIES \*  
species

**SPECIES**



**TOTAL\_SHEET**

TOTAL_ROW * total_row	LIST * total_row_list	int year
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**TOTAL\_ROW**

char * month	int florida_bay_trailer_count	int whitewater_bay_trailer_count	int total_trailer_count
double flamingo_fishing_day	double flamingo_boating_day	double park_fishing_day	double park_boating_day
double estimated_areas_1_5_vessels	double estimated_area_6_vessels	double estimated_park_fishing_vessels	LIST * catch_area_list
double estimated_areas_1_6_vessels			

**CATCH\_AREA**